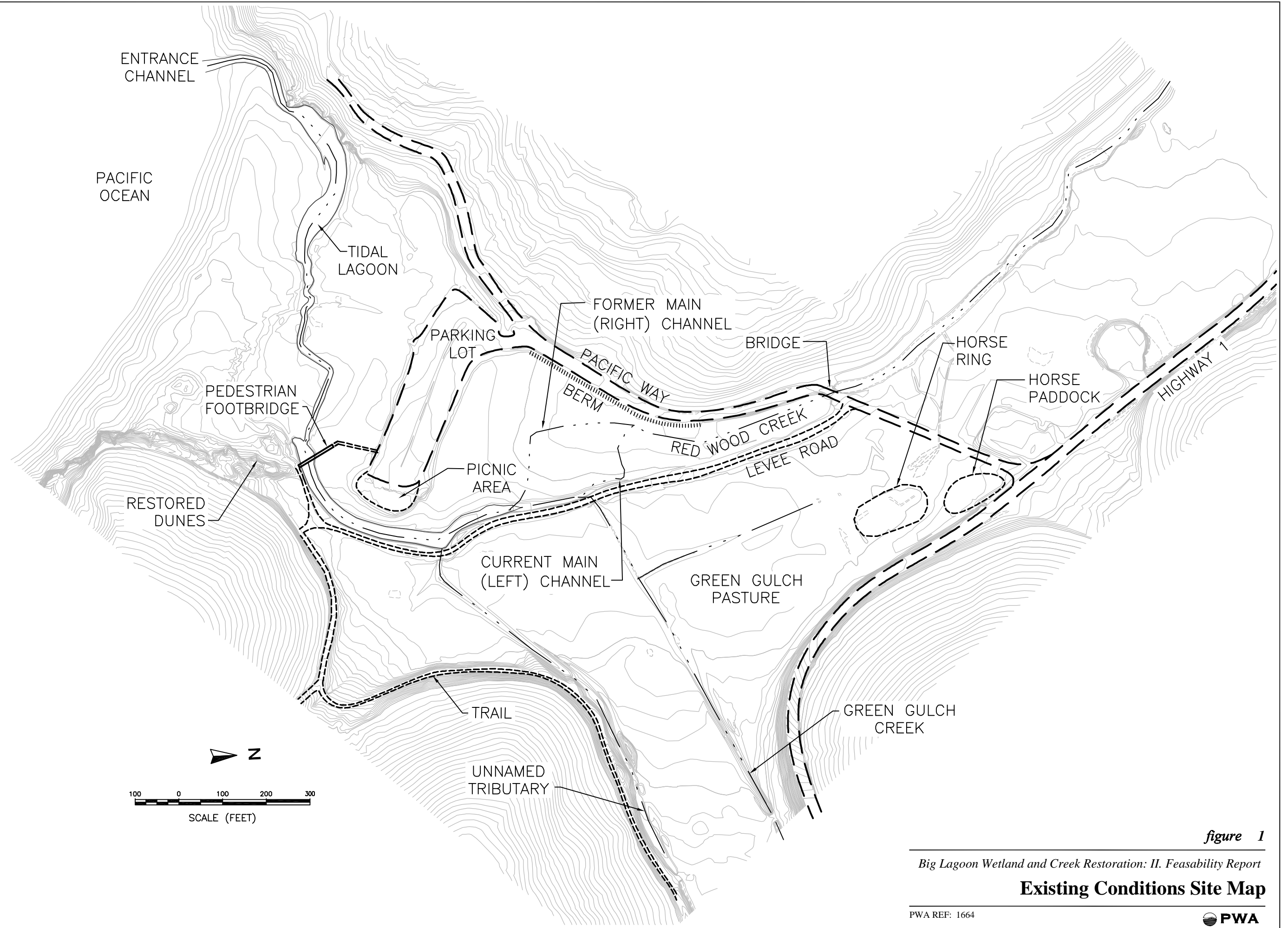


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*figure 1*

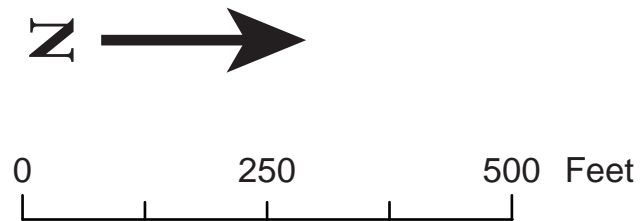
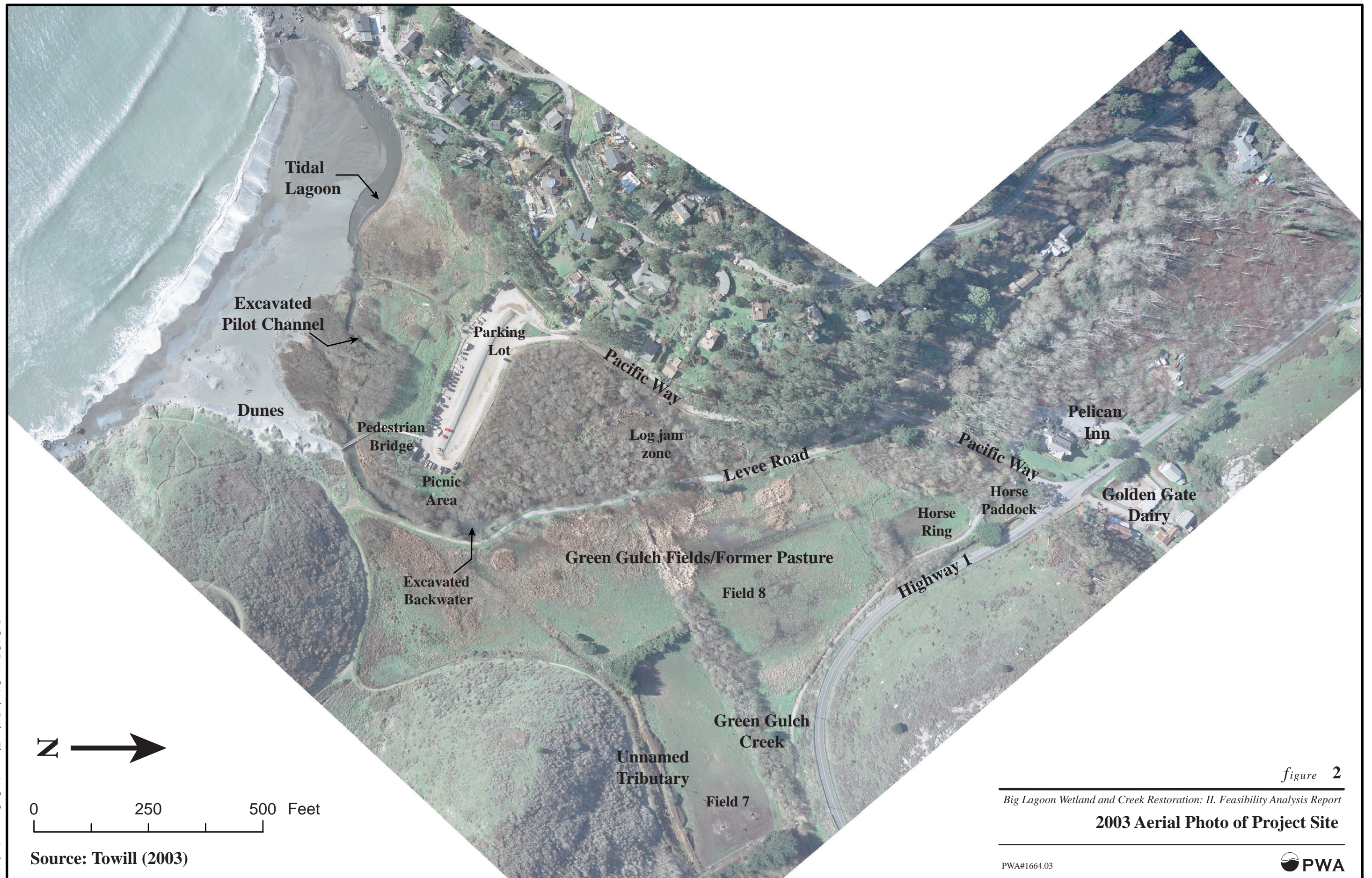
*Big Lagoon Wetland and Creek Restoration: II. Feasibility Report*

## Existing Conditions Site Map

PWA REF: 1664







Source: Towill (2003)

figure 2

Big Lagoon Wetland and Creek Restoration: II. Feasibility Analysis Report

2003 Aerial Photo of Project Site



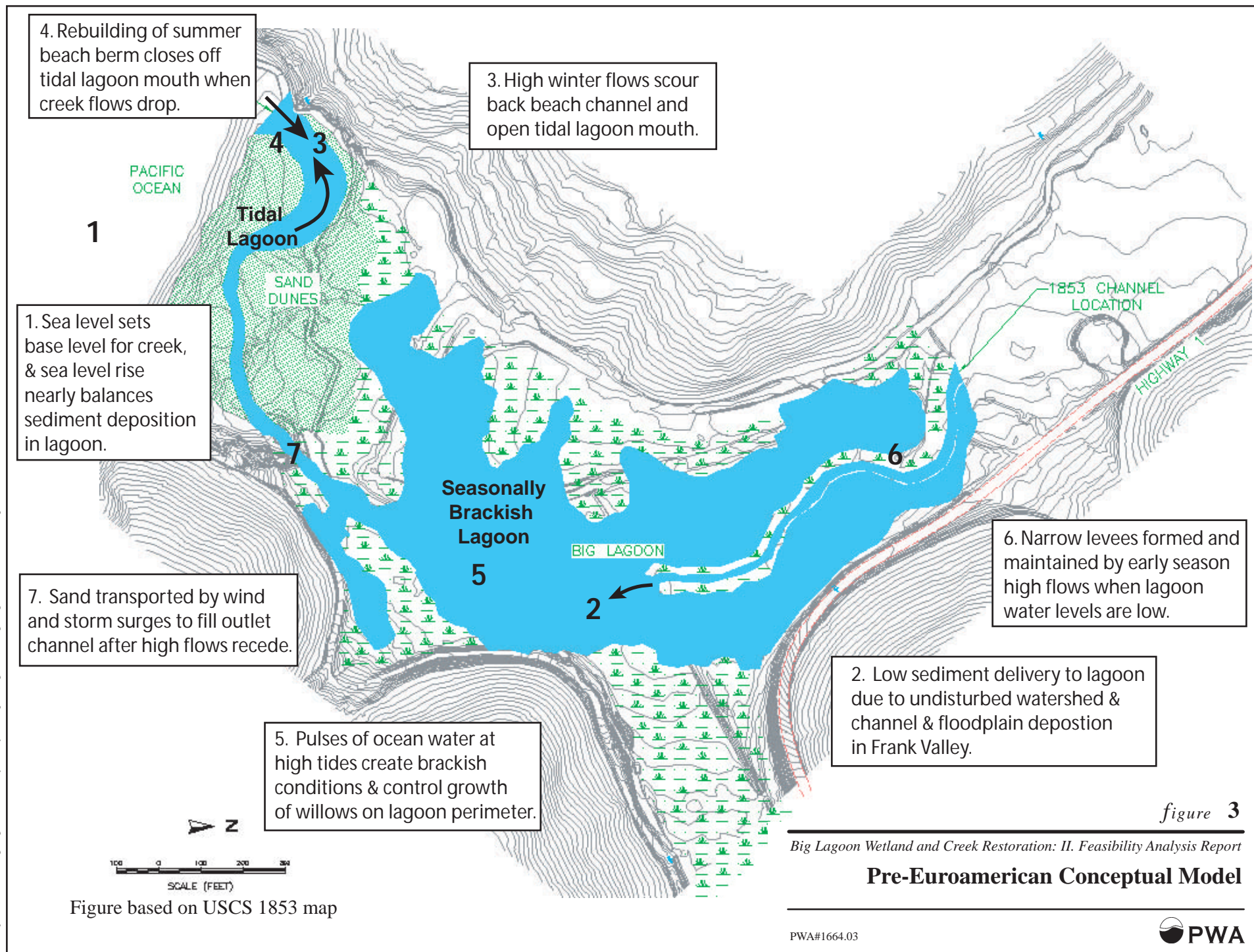
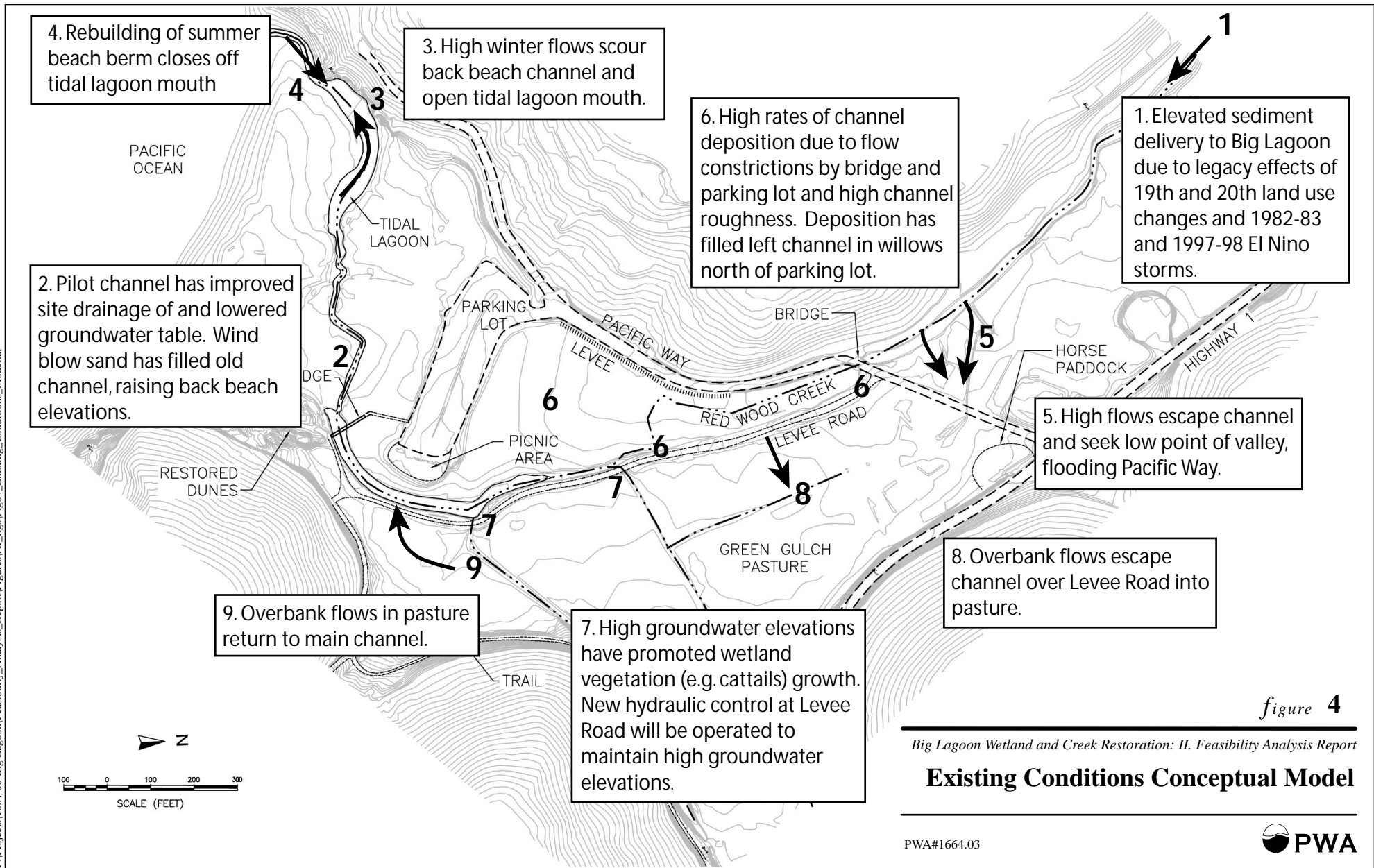


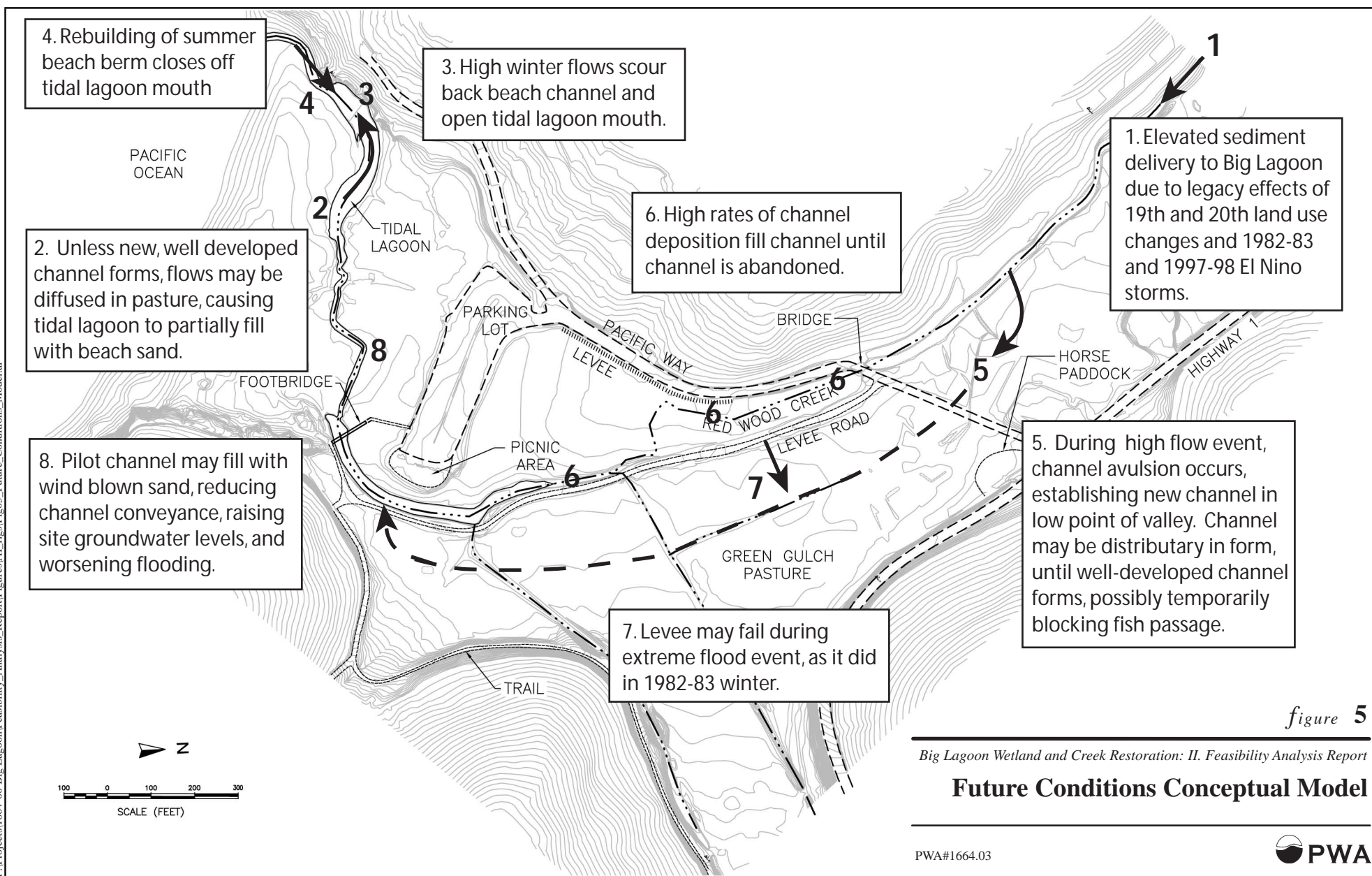
figure 3

Big Lagoon Wetland and Creek Restoration: II. Feasibility Analysis Report

## Pre-Euroamerican Conceptual Model

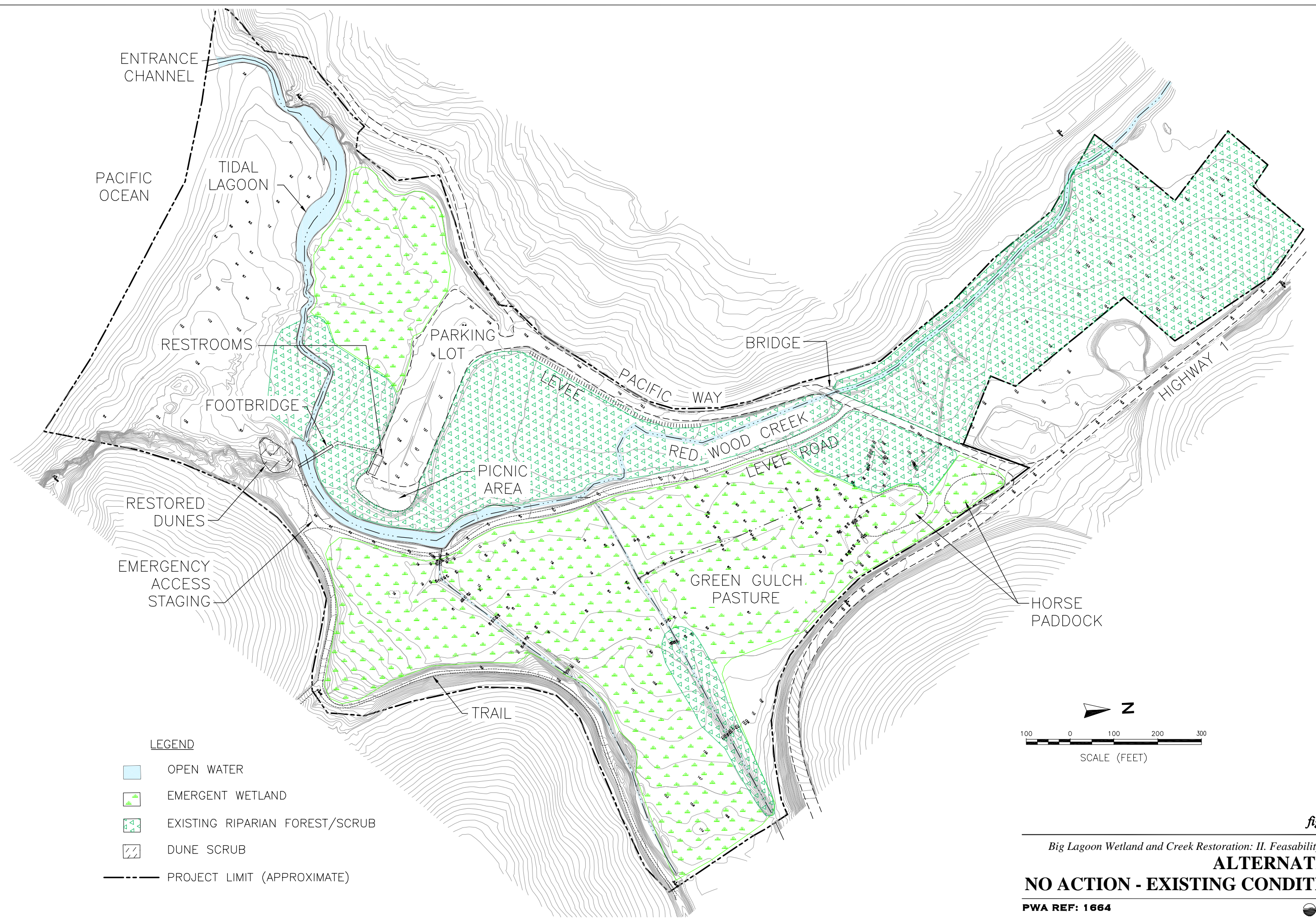






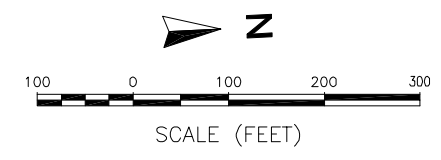


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LEGEND

- OPEN WATER
- EMERGENT WETLAND
- EXISTING RIPARIAN FOREST/SCRUB
- DUNE SCRUB
- PROJECT LIMIT (APPROXIMATE)



*figure 6*  
*Big Lagoon Wetland and Creek Restoration: II. Feasibility Report*  
**ALTERNATIVE 1**  
**NO ACTION - EXISTING CONDITIONS**  
PWA REF: 1664



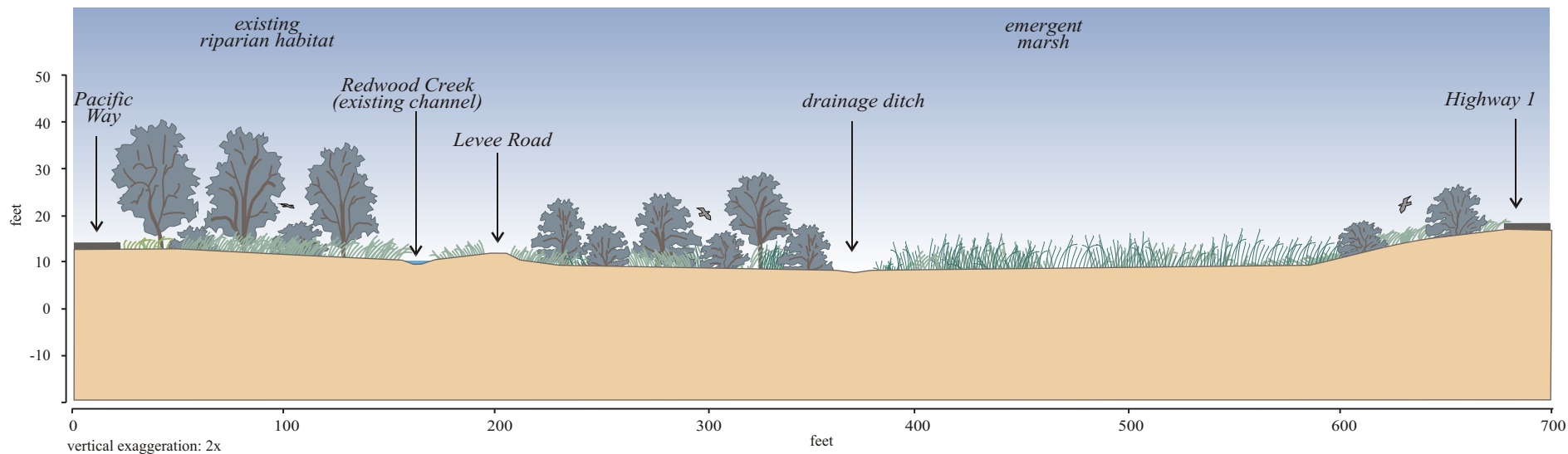


Figure 7

---

CONCEPTUAL CROSS - SECTION

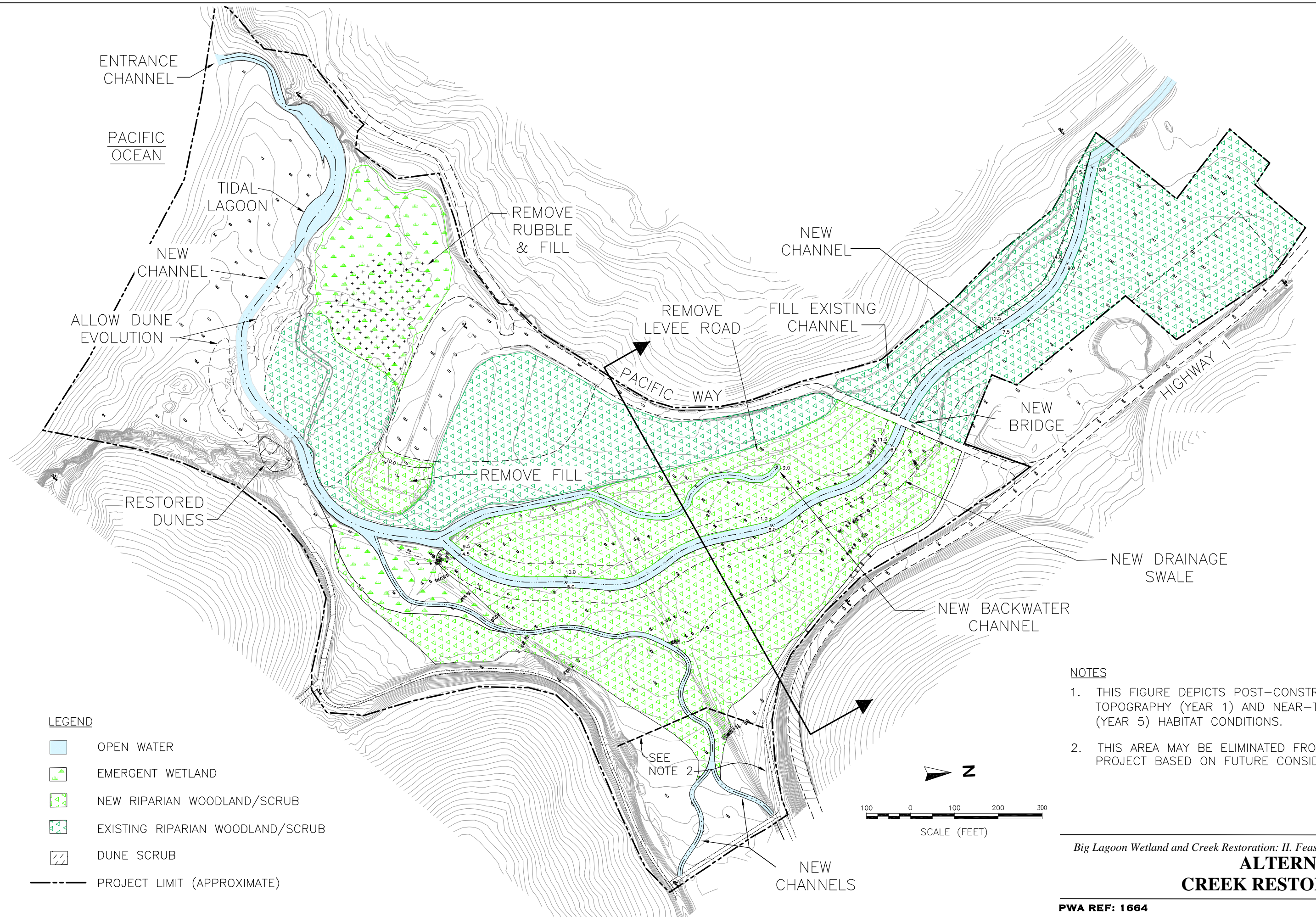
**Alternative 1**

**No Action**

---



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LEGEND

- OPEN WATER
- EMERGENT WETLAND
- NEW RIPARIAN WOODLAND/SCRUB
- EXISTING RIPARIAN WOODLAND/SCRUB
- DUNE SCRUB
- PROJECT LIMIT (APPROXIMATE)

NOTES

1. THIS FIGURE DEPICTS POST-CONSTRUCTION TOPOGRAPHY (YEAR 1) AND NEAR-TERM (YEAR 5) HABITAT CONDITIONS.
2. THIS AREA MAY BE ELIMINATED FROM THE PROJECT BASED ON FUTURE CONSIDERATION.

figure 8

Big Lagoon Wetland and Creek Restoration: II. Feasibility Report

**ALTERNATIVE 2  
CREEK RESTORATION**

PWA REF: 1664





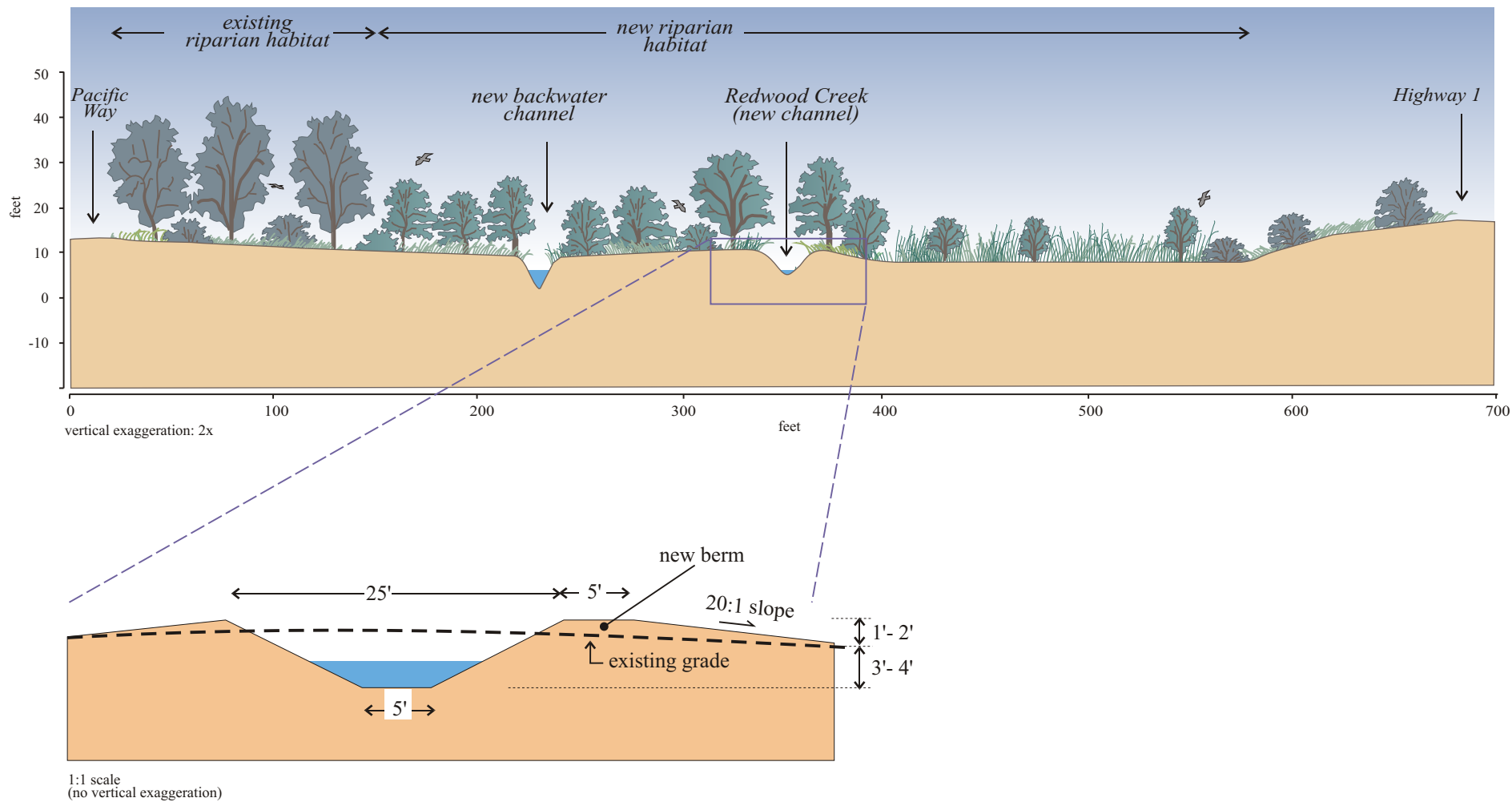


Figure 9

---

CONCEPTUAL CROSS - SECTION

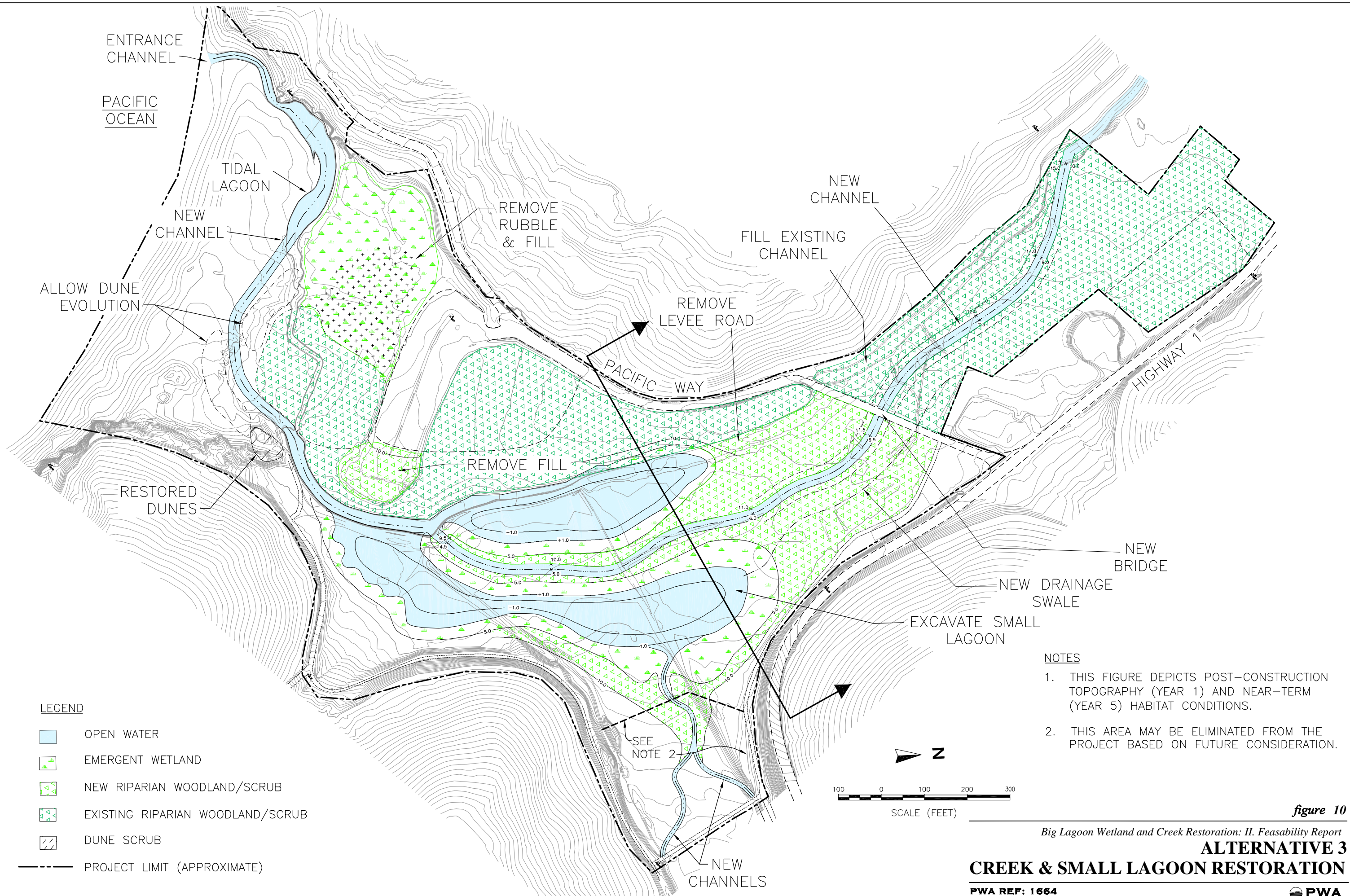
**Alternative 2**

**Creek Restoration**

---



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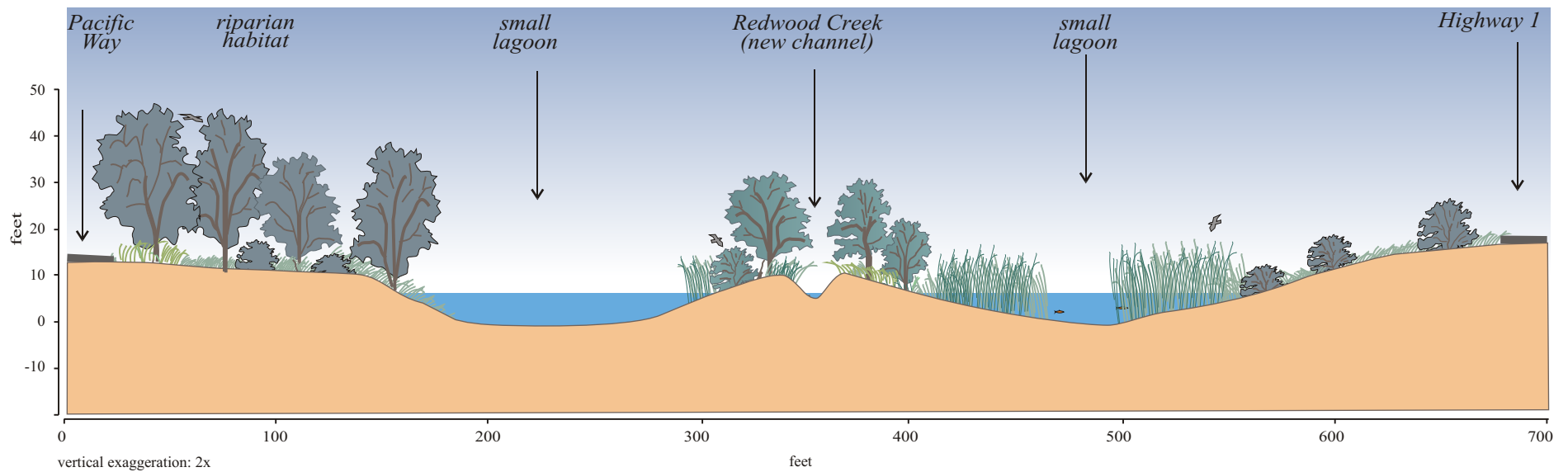
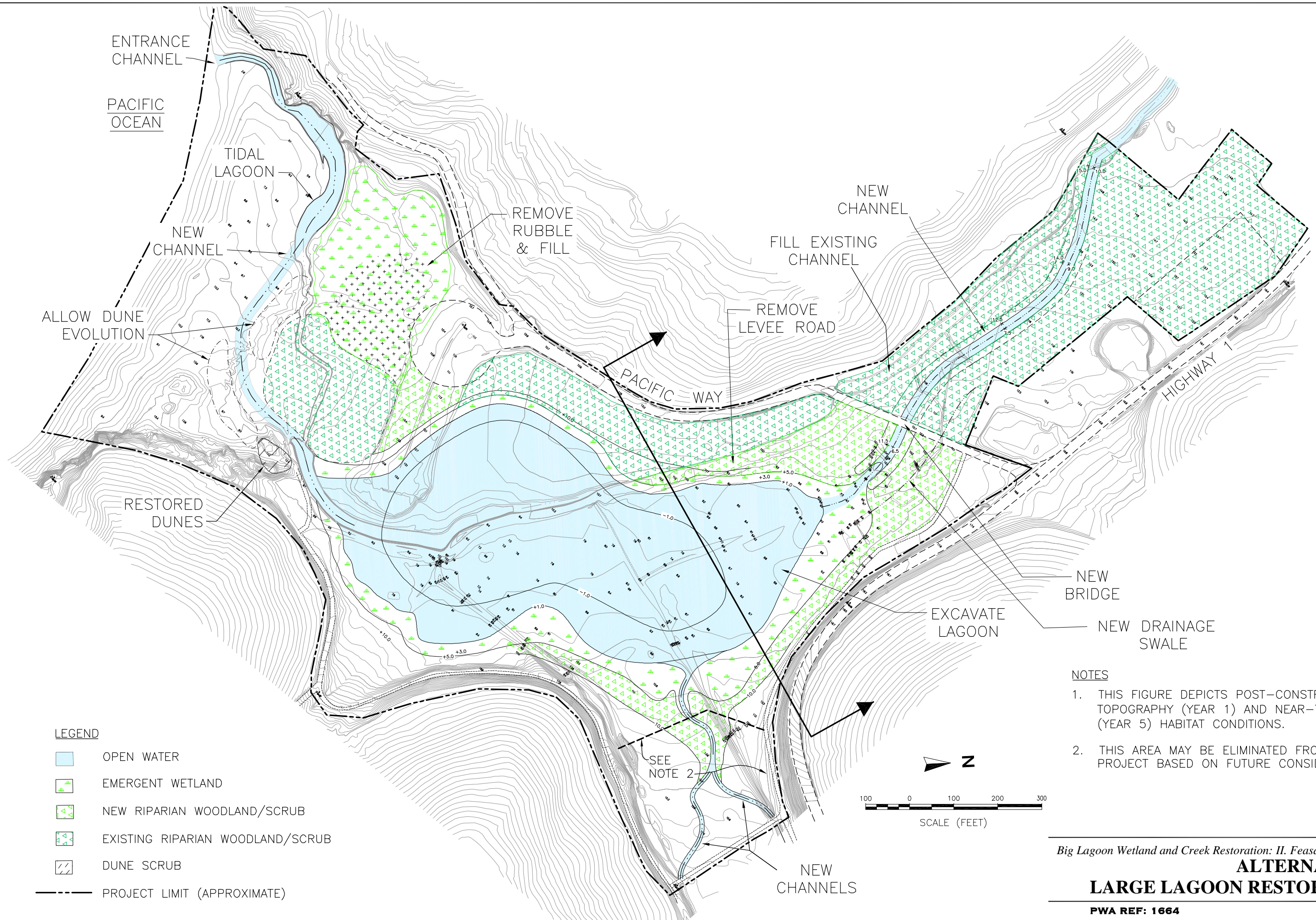


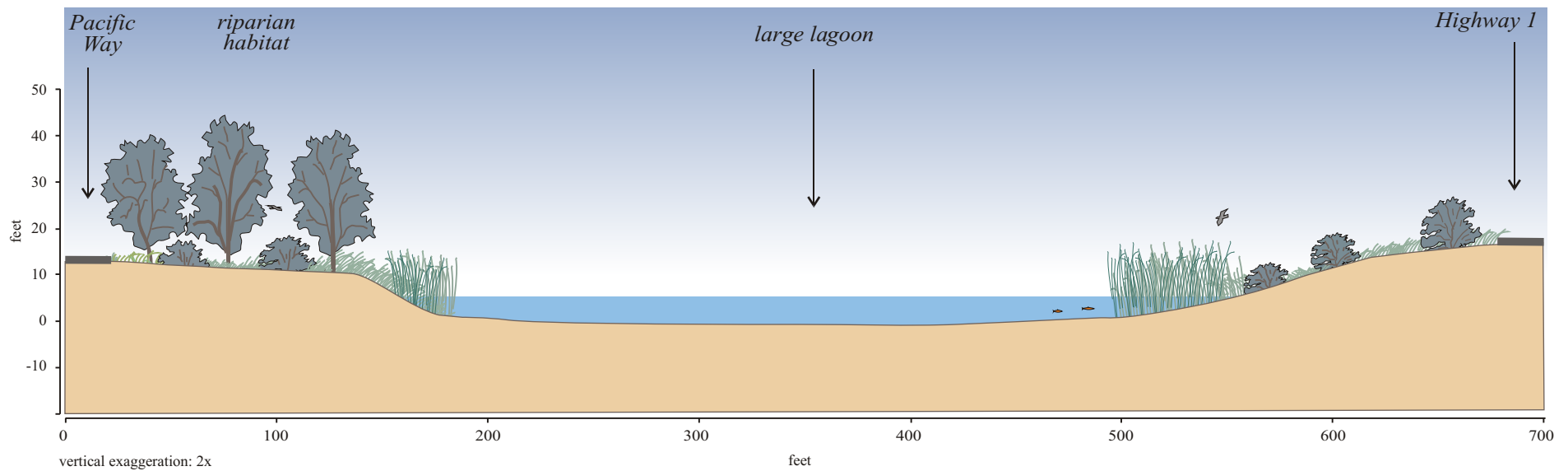
Figure 11

CONCEPTUAL CROSS - SECTION  
**Alternative 3**  
**Creek & Small Lagoon Restoration**

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*Figure 13*

CONCEPTUAL CROSS - SECTION

**Alternative 4**

**Large Lagoon Restoration**

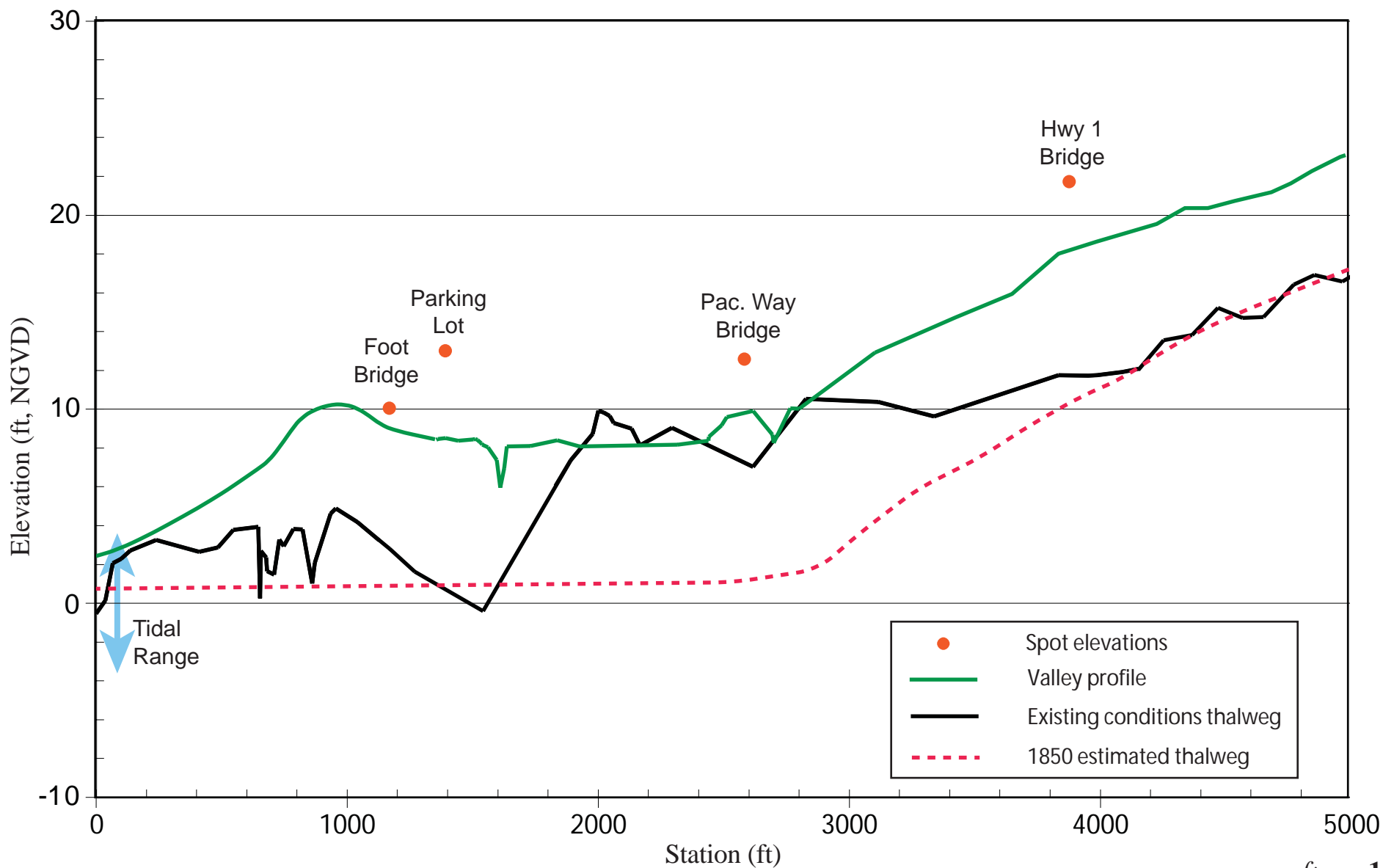


figure 14

Big Lagoon Wetland and Creek Restoration: II. Feasibility Analysis Report

**No Action vs. 1850 Profile**



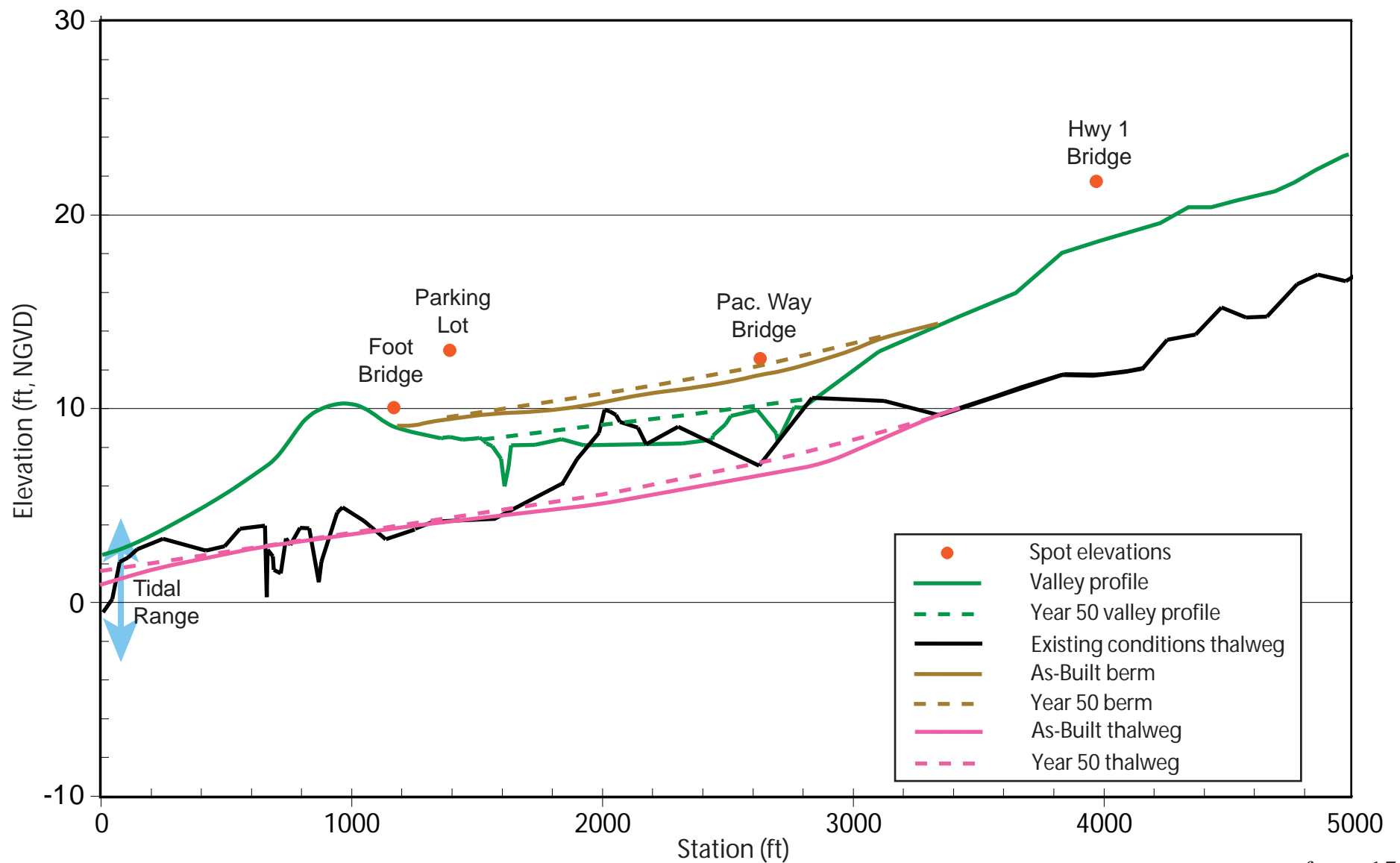


figure 15

Big Lagoon Wetland and Creek Restoration: II. Feasibility Analysis Report

**Alternatives 2 & 3 - Conceptual Profile:  
Years 5 & 50**



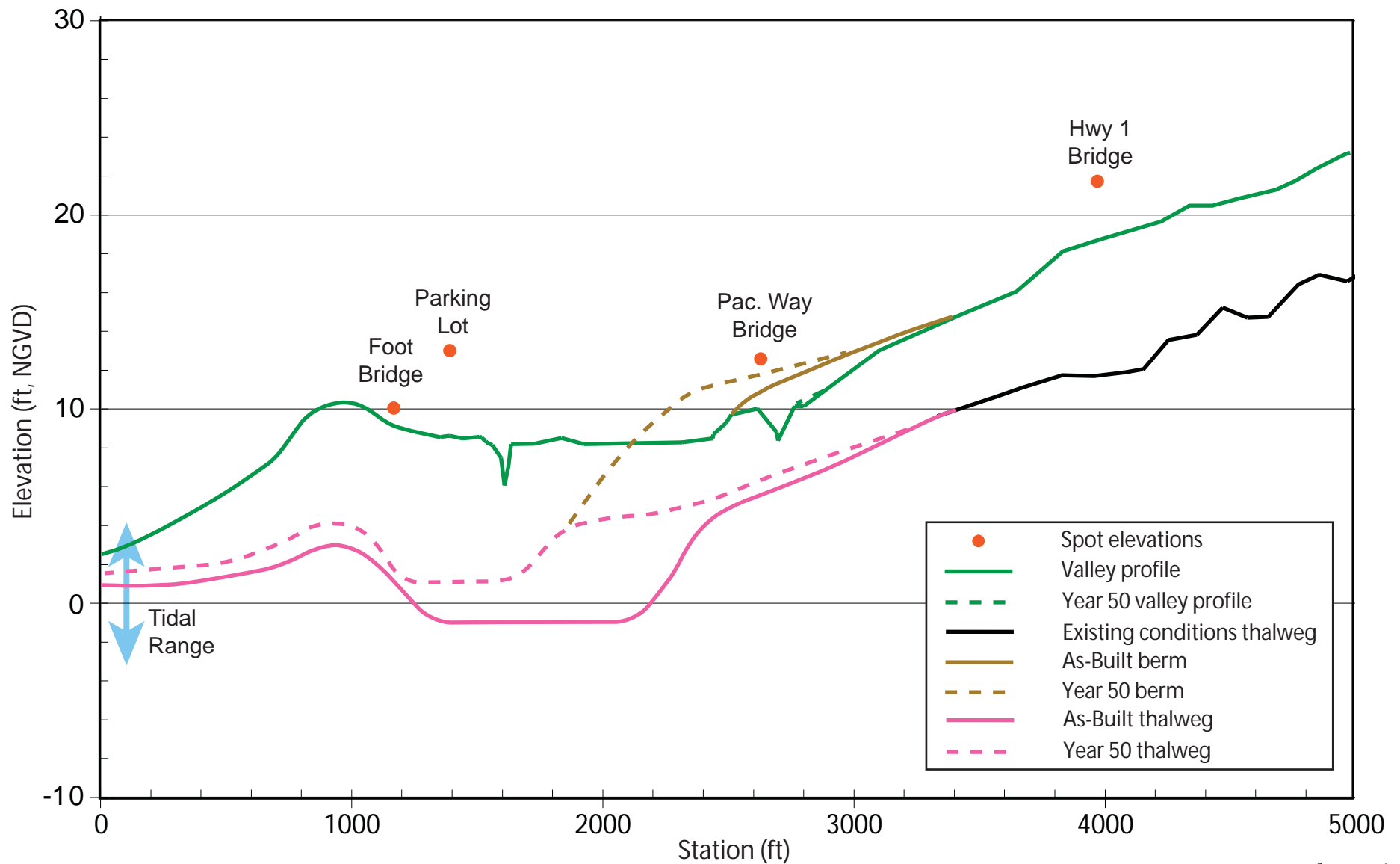
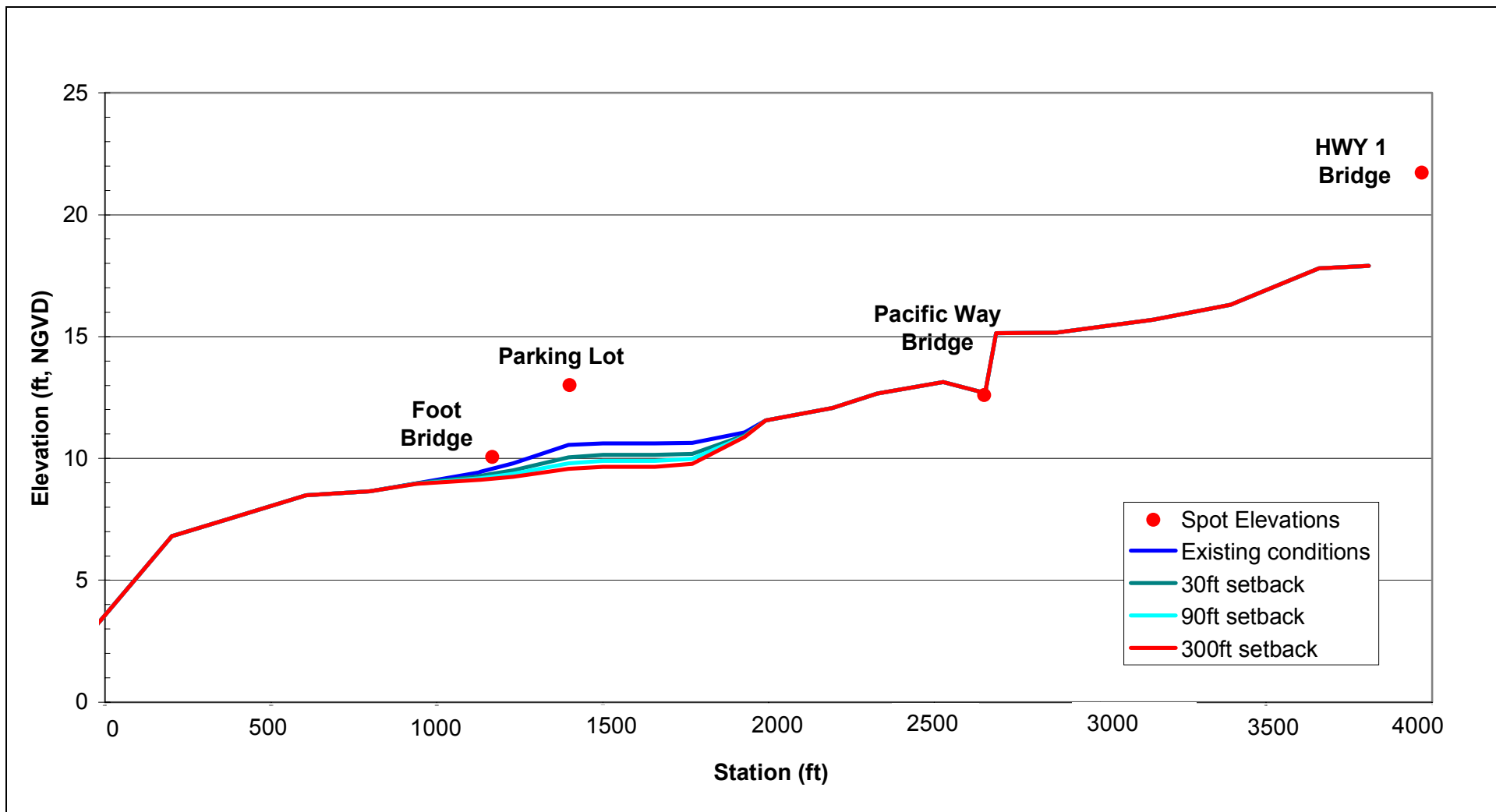


figure 16

Big Lagoon Wetland and Creek Restoration: II. Feasibility Analysis Report

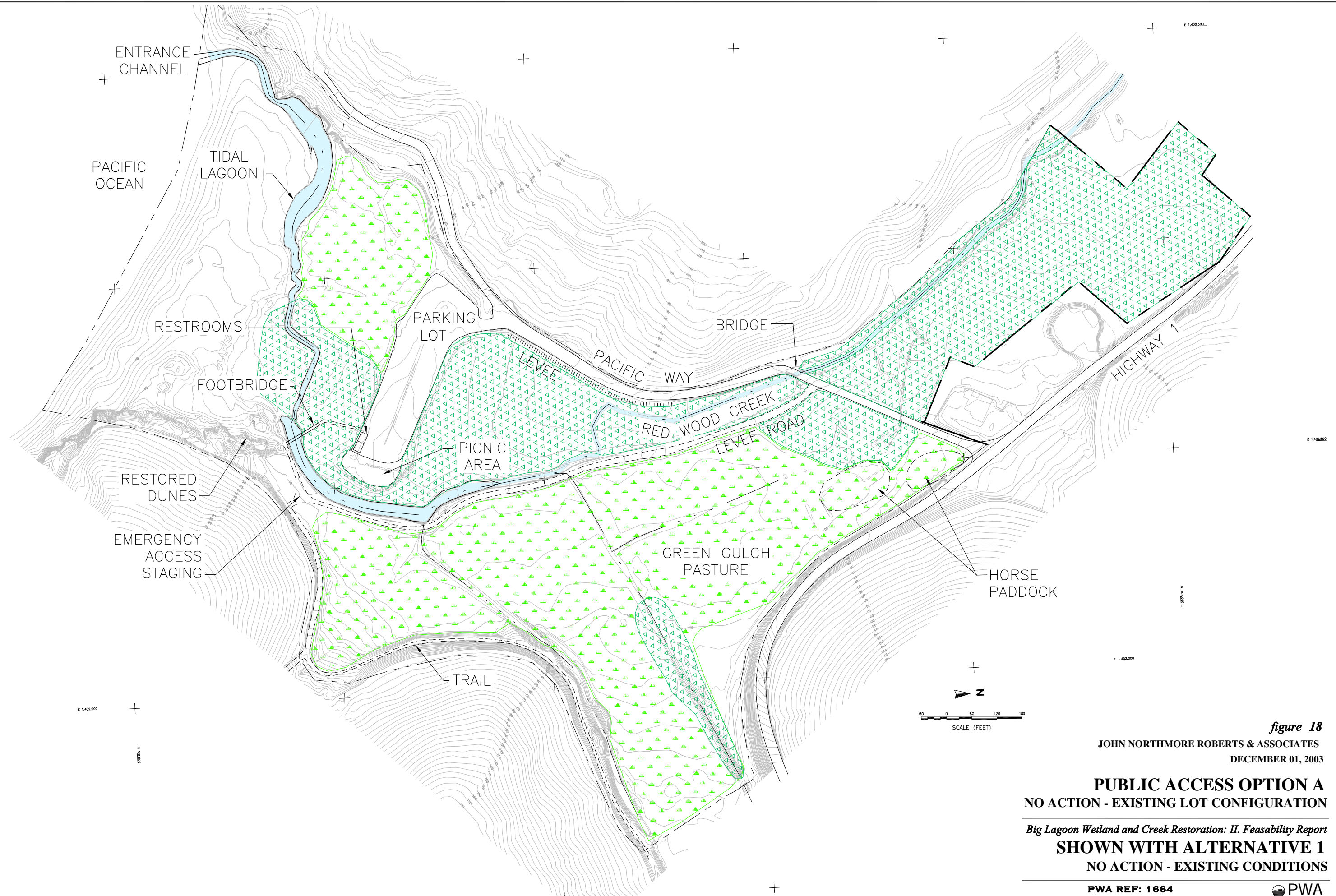
**Alternative 4 - Conceptual Profile:  
Years 5 & 50**





Sources:	figure 17	
	Big Lagoon Wetland and Creek Restoration: II. Feasibility Report	
	Parking Lot Setbacks at Q <sub>5</sub>	
	PWA Ref #1664.03	PWA

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**figure 18**

JOHN NORTHMORE ROBERTS & ASSOCIATES  
DECEMBER 01, 2003

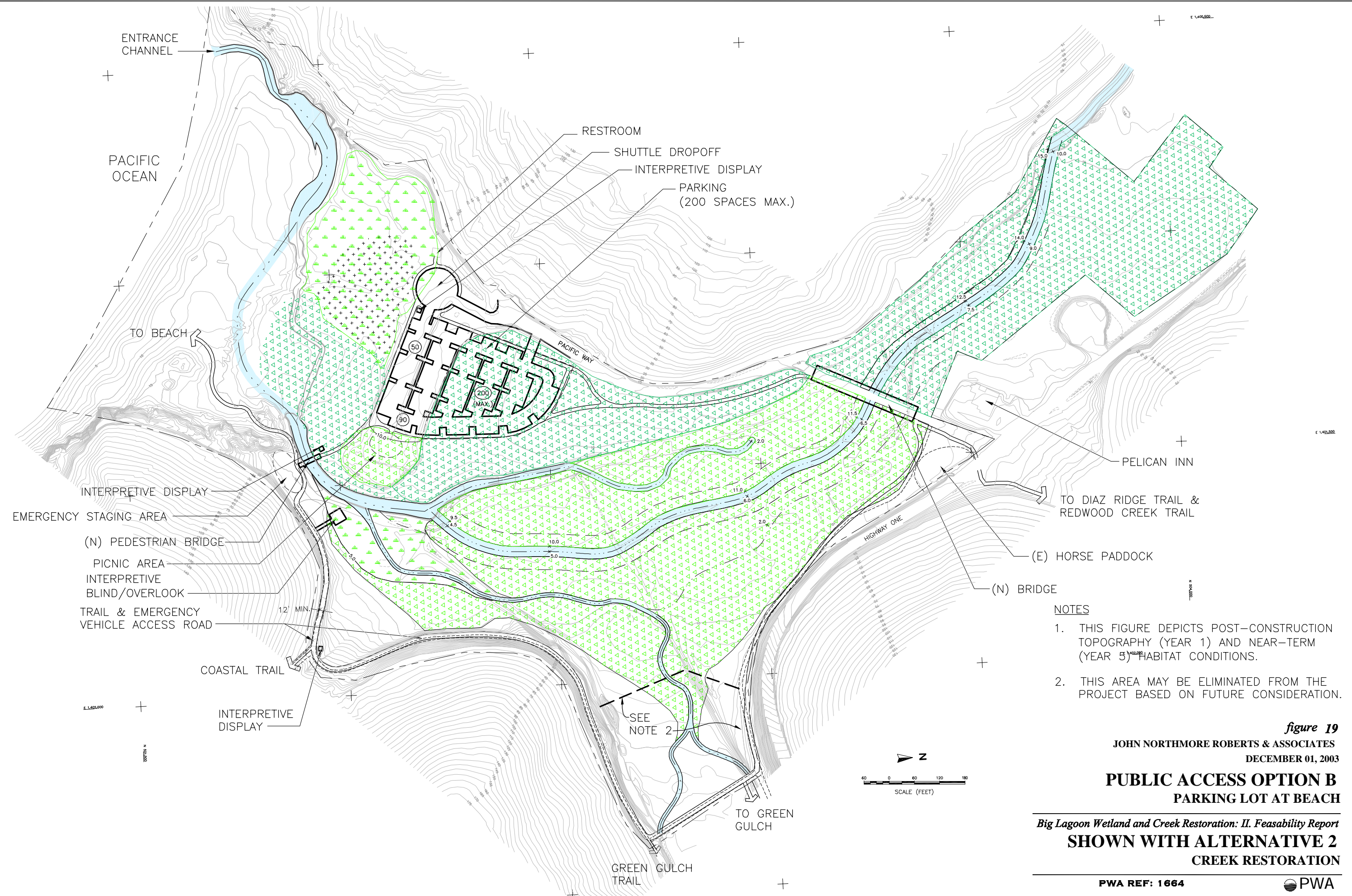
**PUBLIC ACCESS OPTION A**  
**NO ACTION - EXISTING LOT CONFIGURATION**

*Big Lagoon Wetland and Creek Restoration: II. Feasibility Report*  
**SHOWN WITH ALTERNATIVE 1**  
**NO ACTION - EXISTING CONDITIONS**

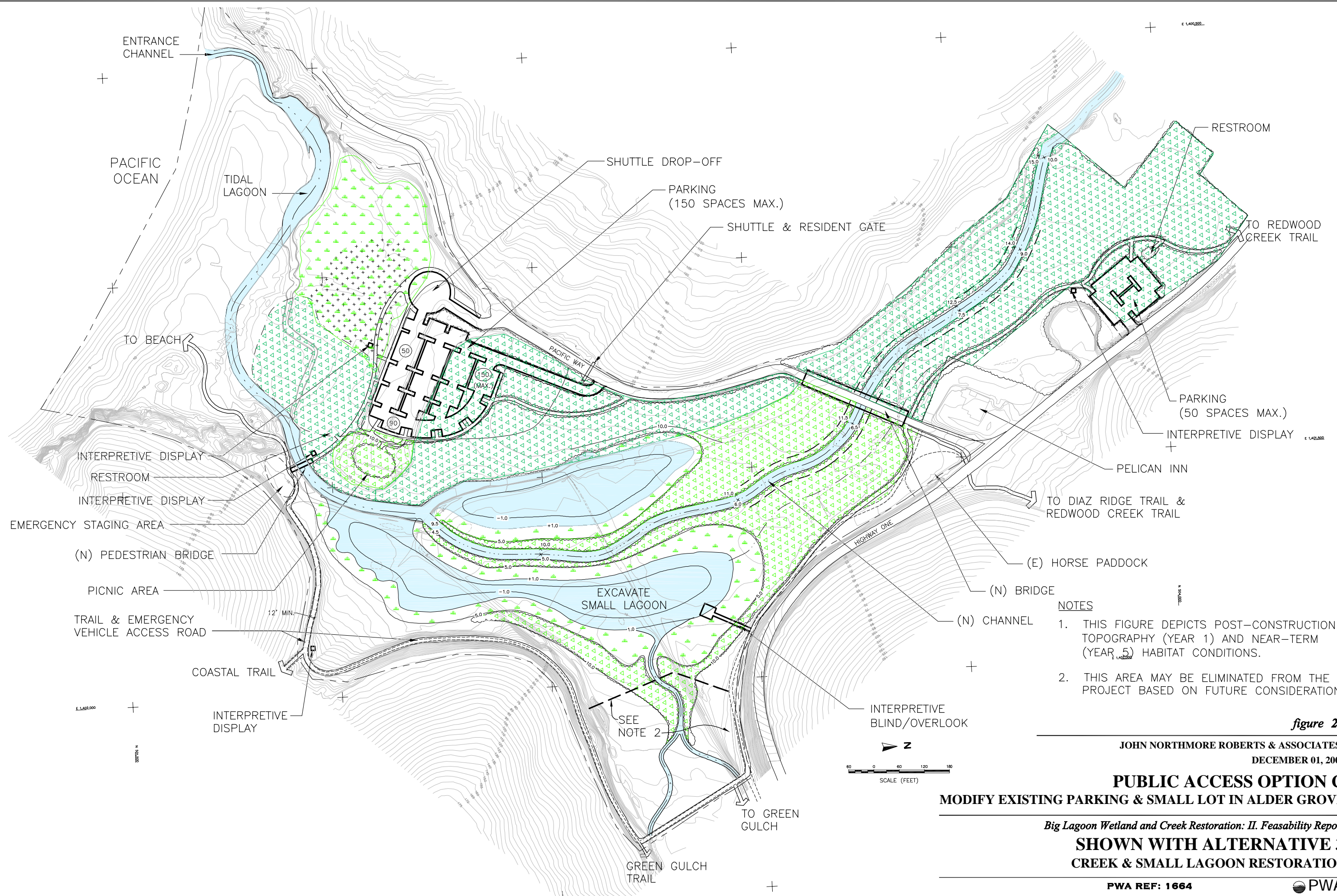
PWA REF: 1664





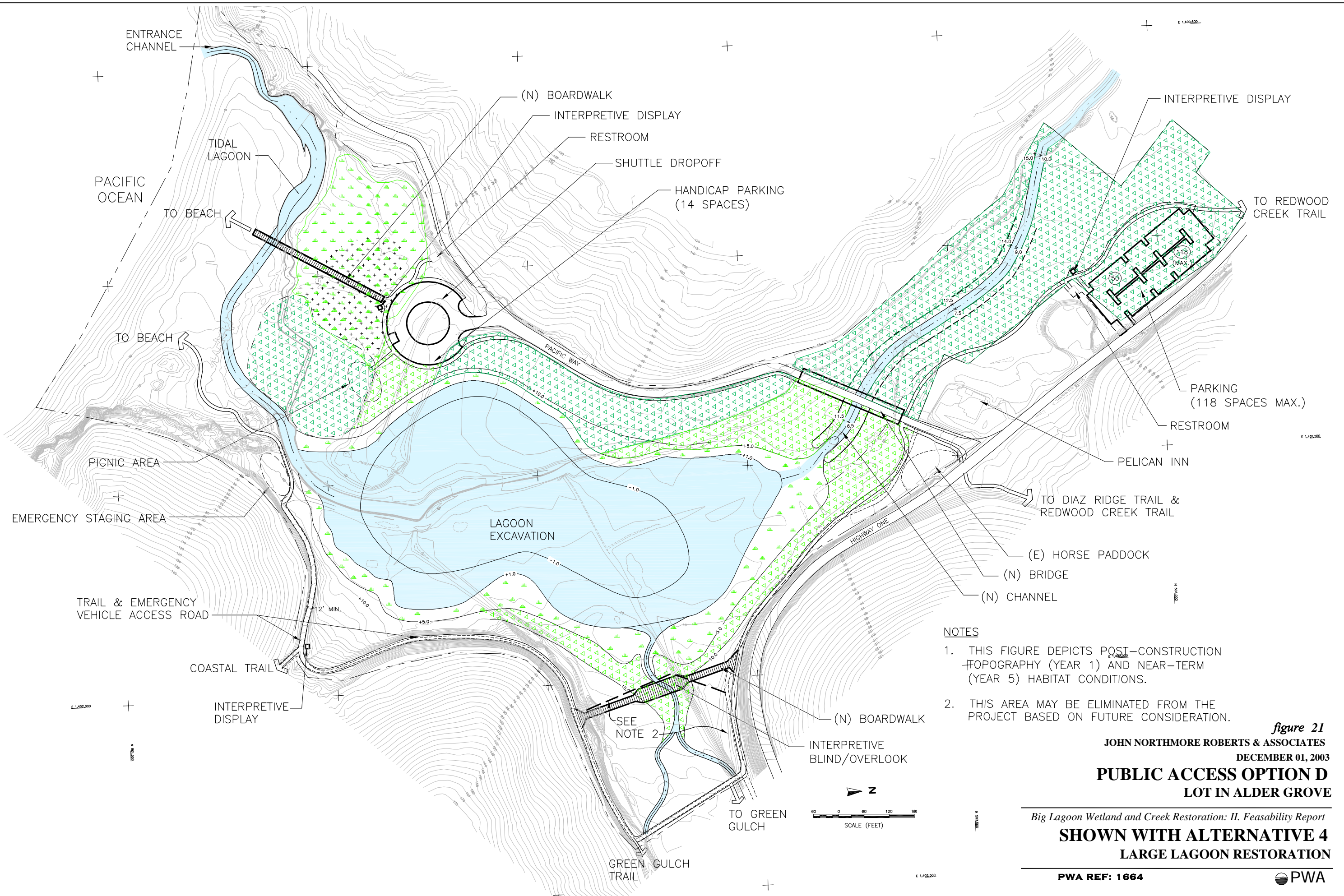


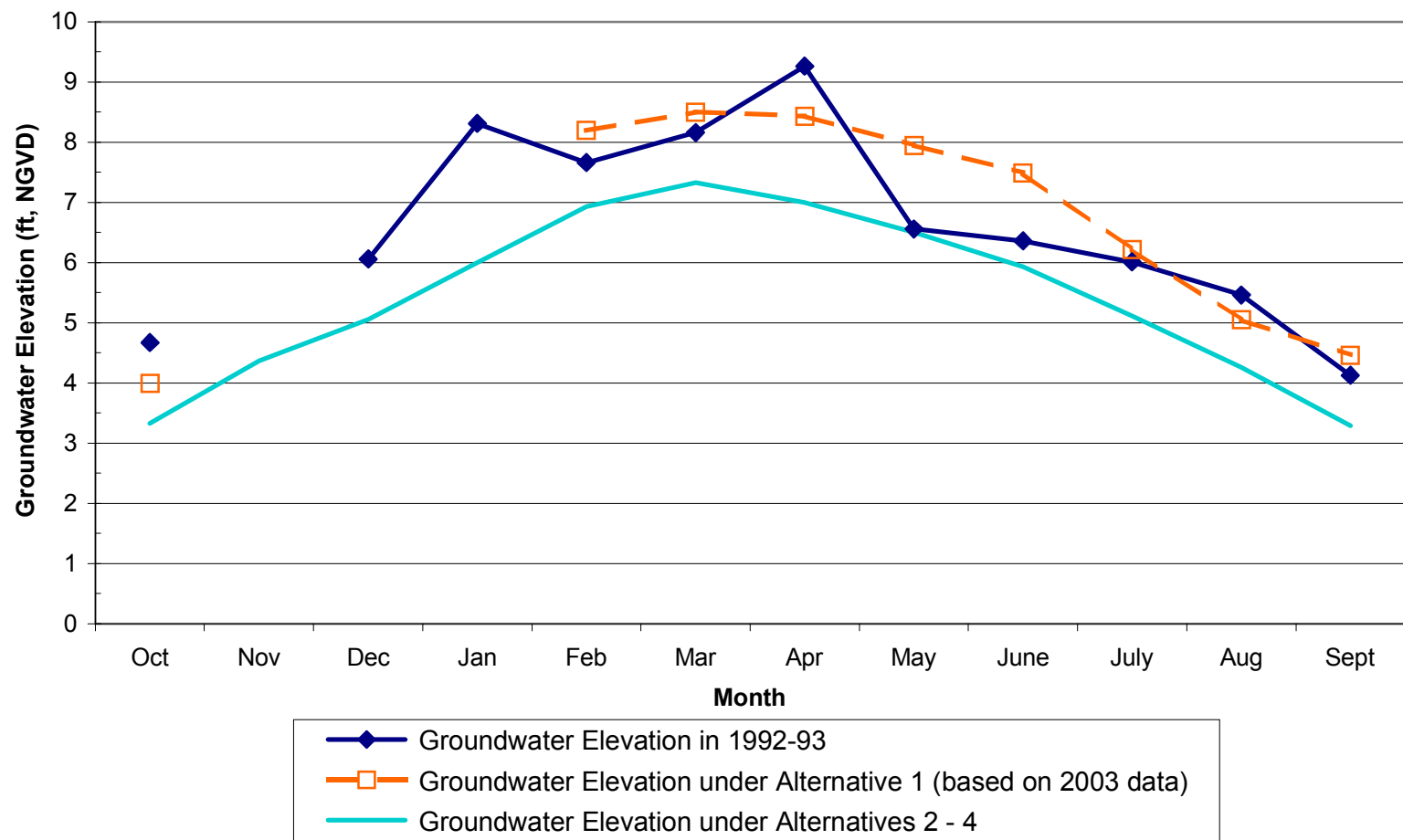






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Source:

Groundwater data for NPS (2003) and PWA (1994) well #4. Location of well #4 shown in Figure 13 of Site Analysis Report (PWA, 2003).

figure 22

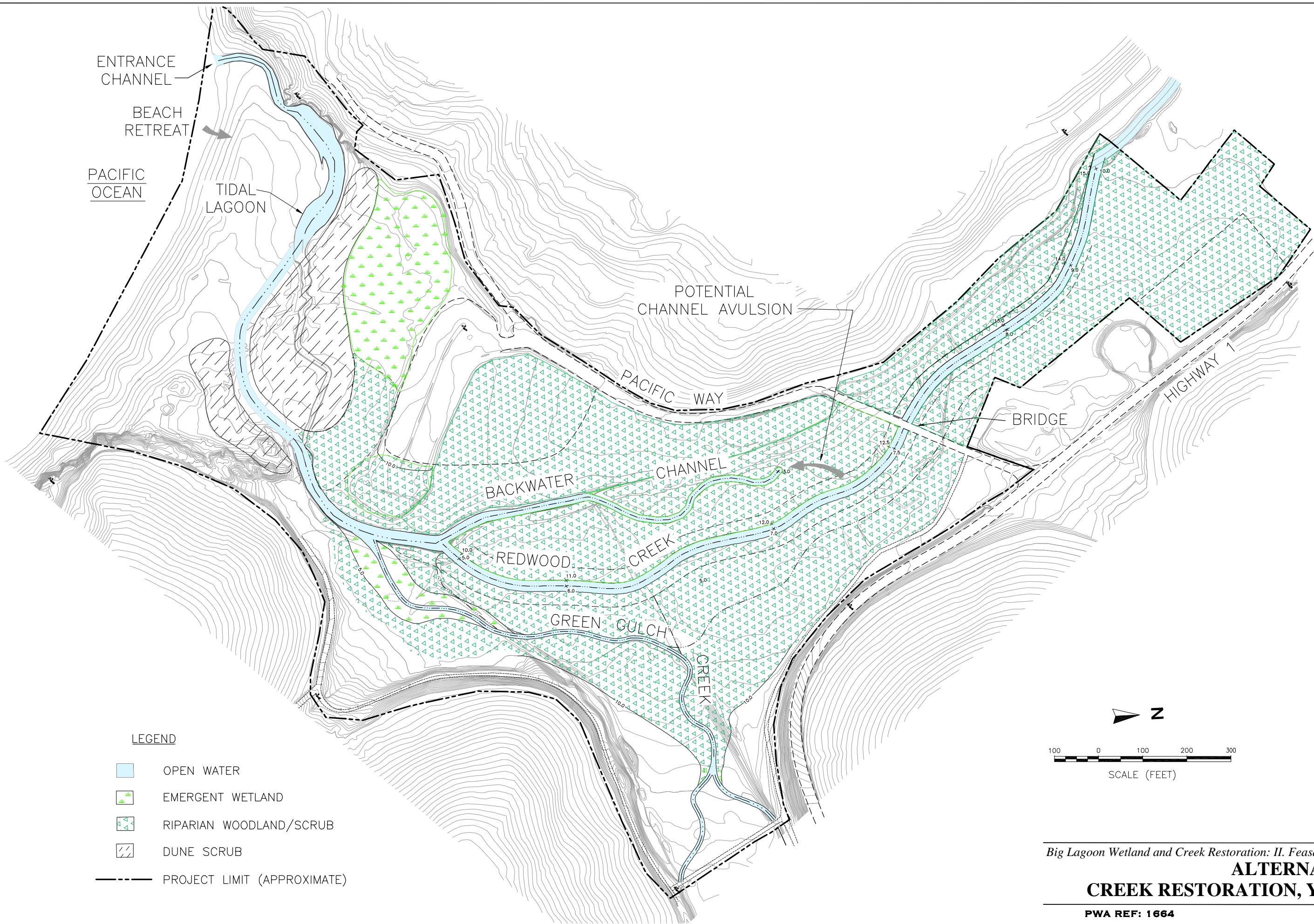
*Big Lagoon Wetland and Creek Restoration: II. Feasibility Analysis Report*  
**Monthly Groundwater Elevations under  
 Alternatives 1 – 4**

PWA Ref #1664.03





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*figure 23*

*Big Lagoon Wetland and Creek Restoration: II. Feasibility Report*

**ALTERNATIVE 2**

**CREEK RESTORATION, YEAR 50**

PWA REF: 1664

PWA



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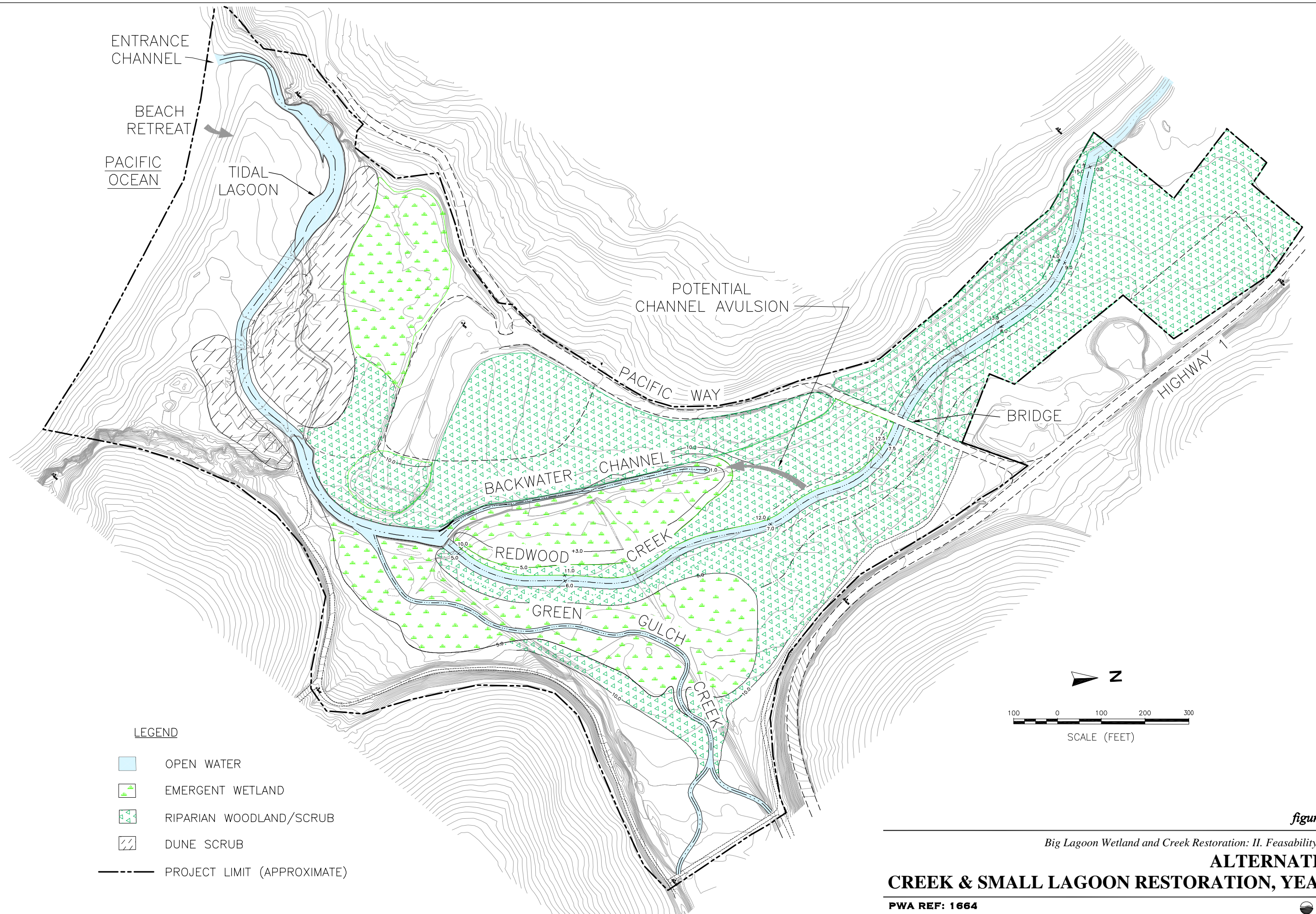


figure 24

Big Lagoon Wetland and Creek Restoration: II. Feasibility Report

## ALTERNATIVE 3 CREEK & SMALL LAGOON RESTORATION, YEAR 50

PWA REF: 1664





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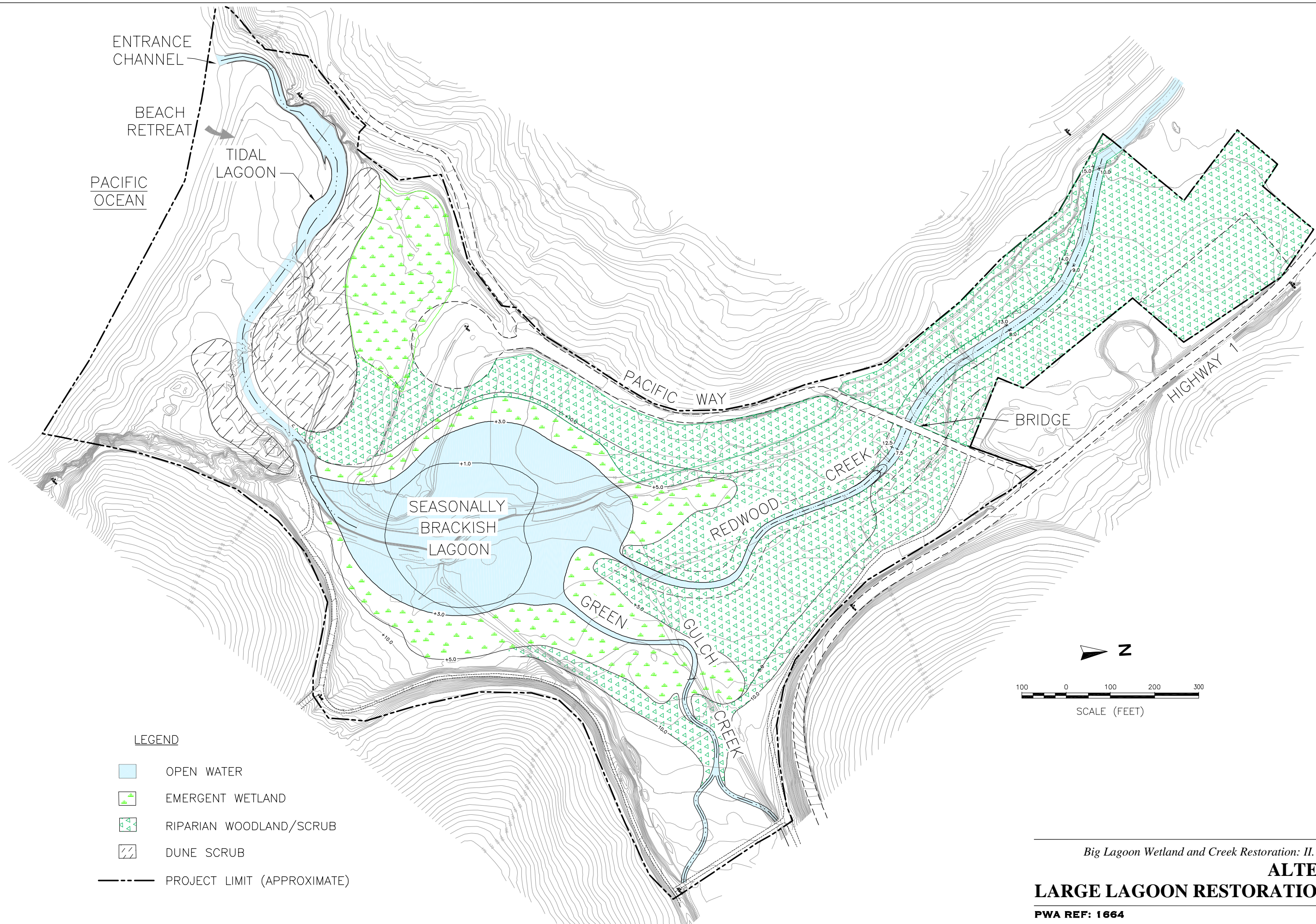


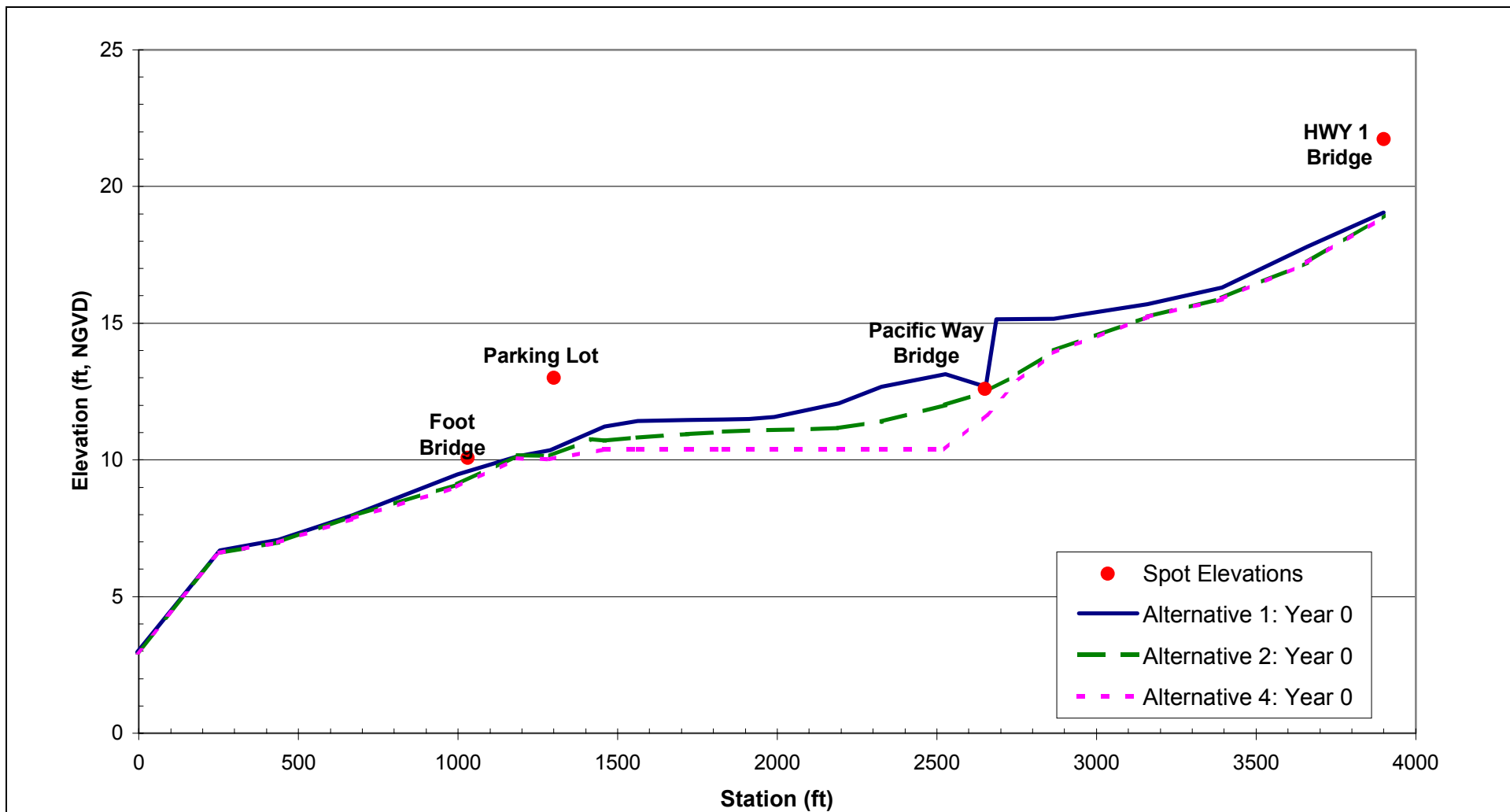
figure 25

Big Lagoon Wetland and Creek Restoration: II. Feasibility Report

## ALTERNATIVE 4 LARGE LAGOON RESTORATION, YEAR 50

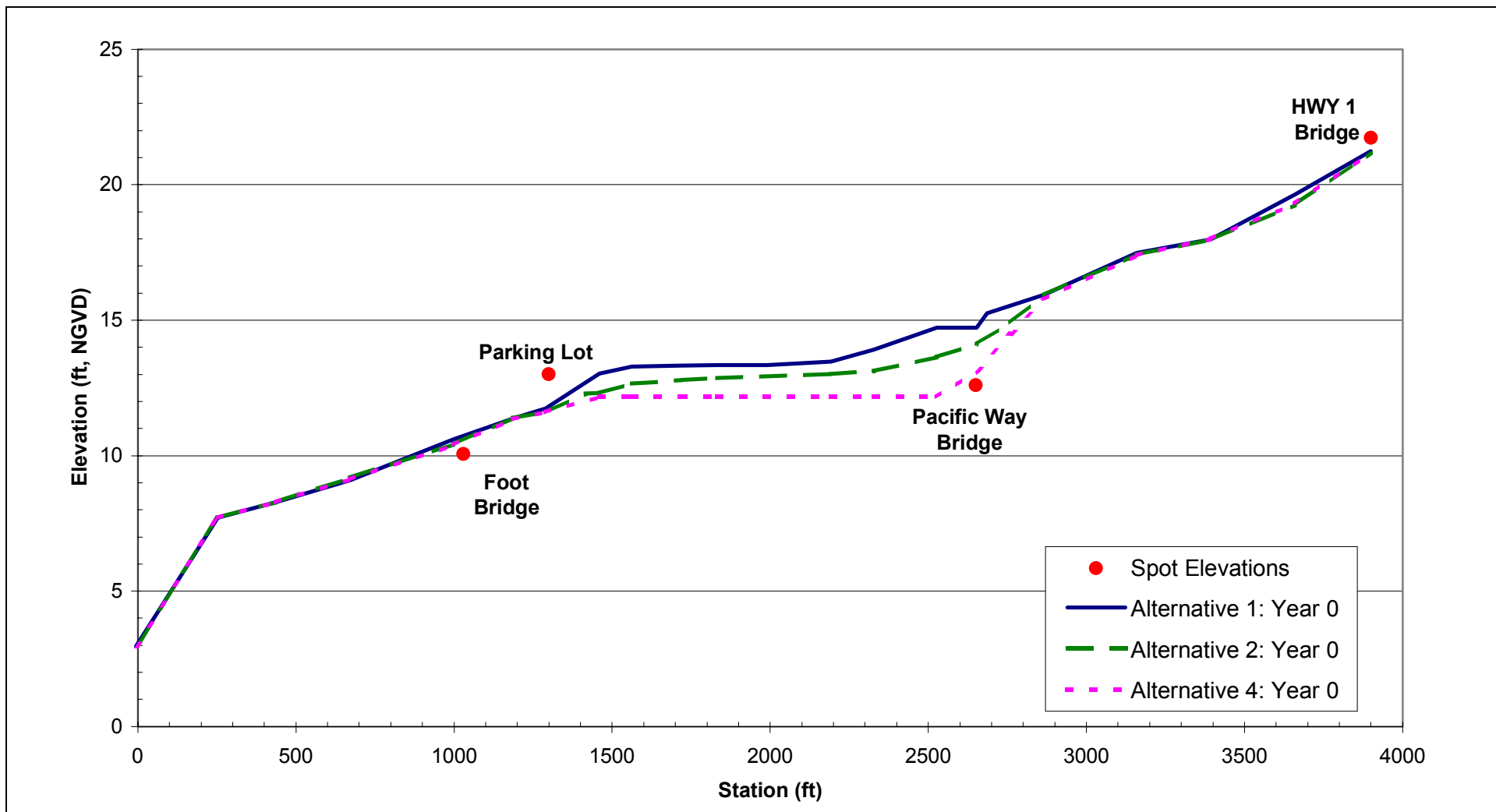
PWA REF: 1664



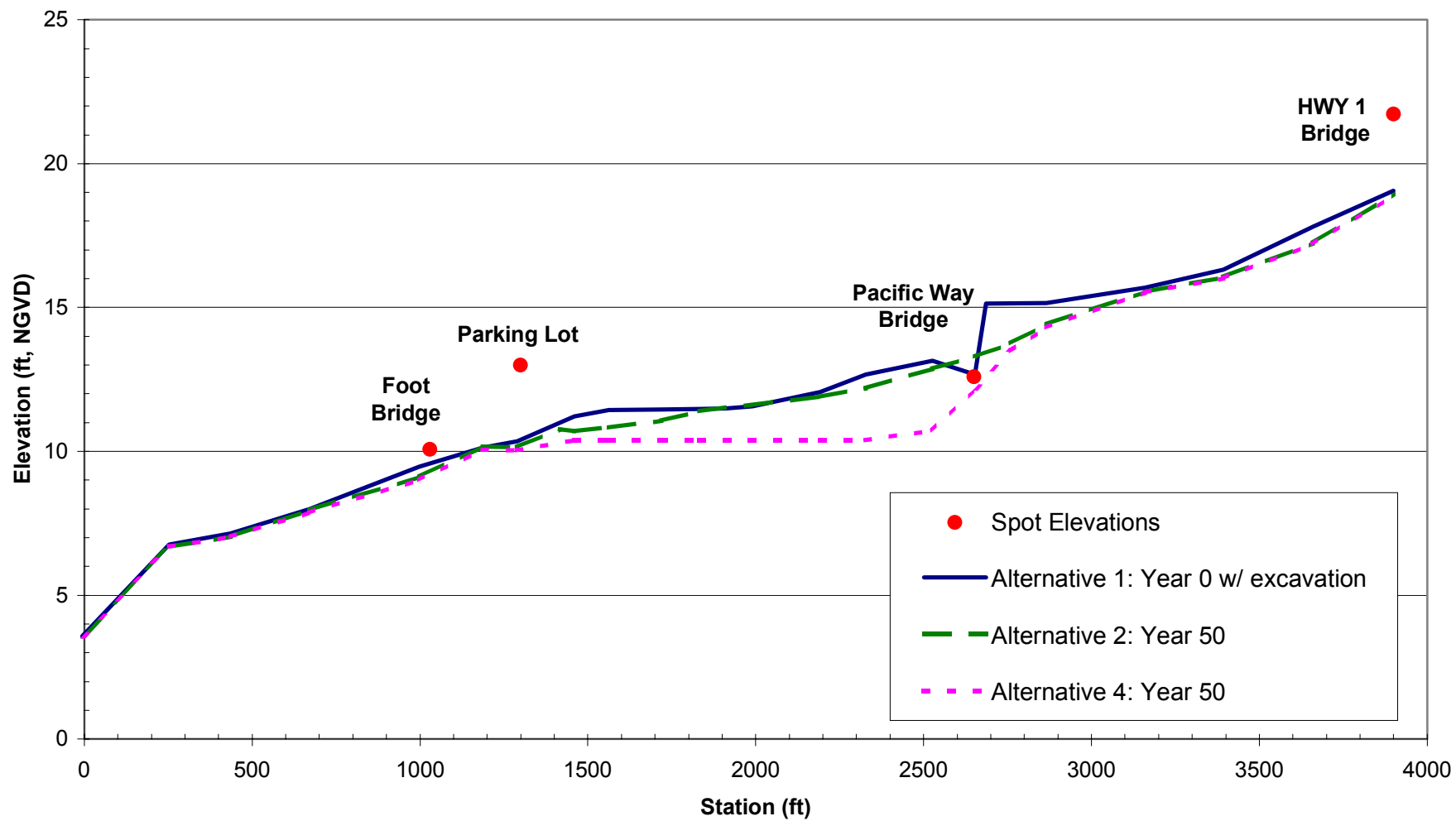


Sources:	<i>figure 26</i>	
	<i>Big Lagoon Wetland and Creek Restoration: II. Feasibility Analysis Report</i> <b>Comparison of Water Levels at Year 0 during Q<sub>5</sub></b>	
	PWA Ref #1664.03C	





Sources:	figure 27	
	Big Lagoon Wetland and Creek Restoration: II. Feasibility Analysis Report	
	Comparison of Water Levels at Year 0 during Q <sub>50</sub>	
	PWA Ref #1664.03C	PWA



Sources:

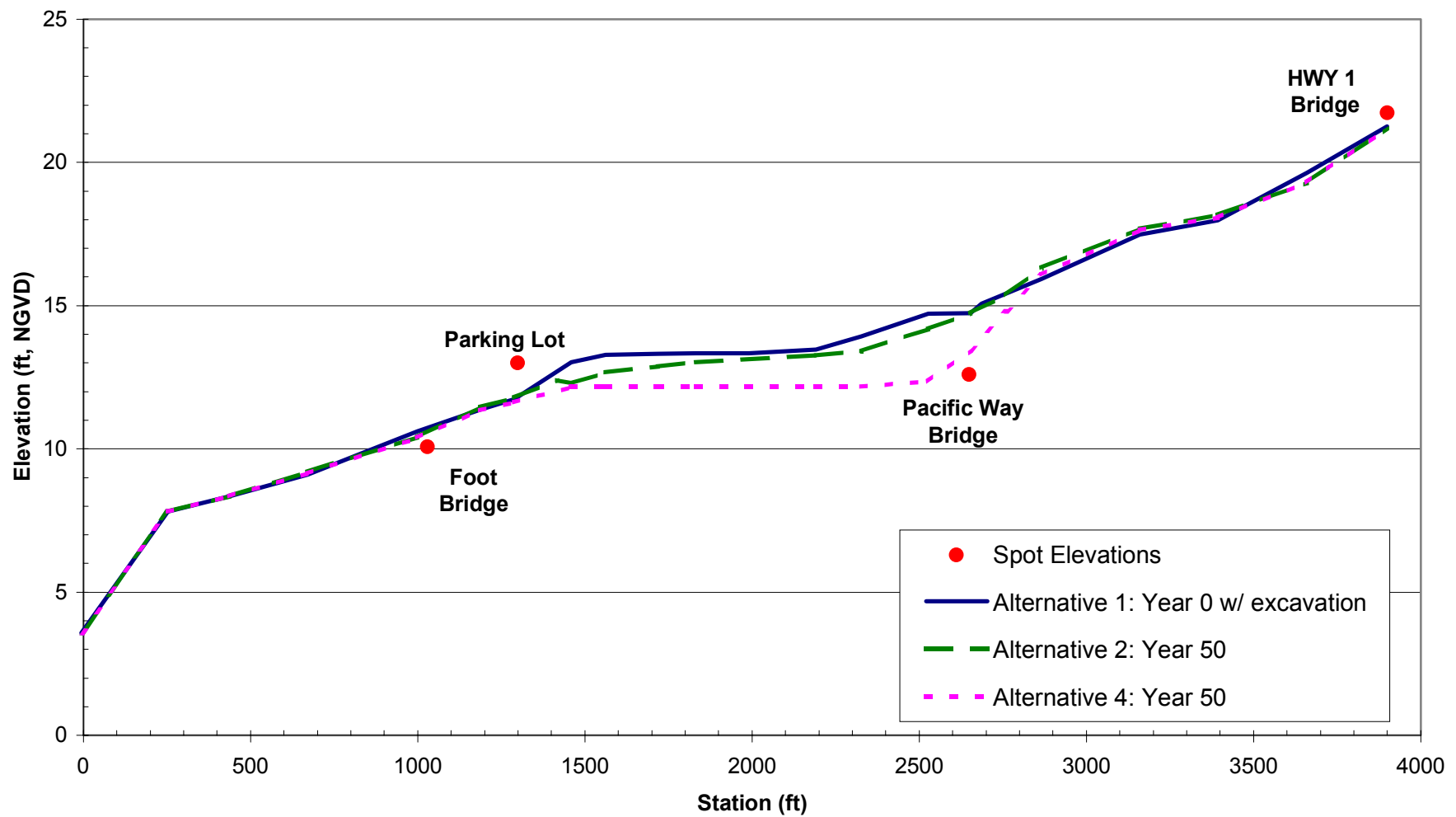
figure 28

Big Lagoon Wetland and Creek Restoration: II. Feasibility Analysis Report  
**Comparison of Water Levels at Year 50 during Q<sub>5</sub>**

PWA Ref #1664.03C







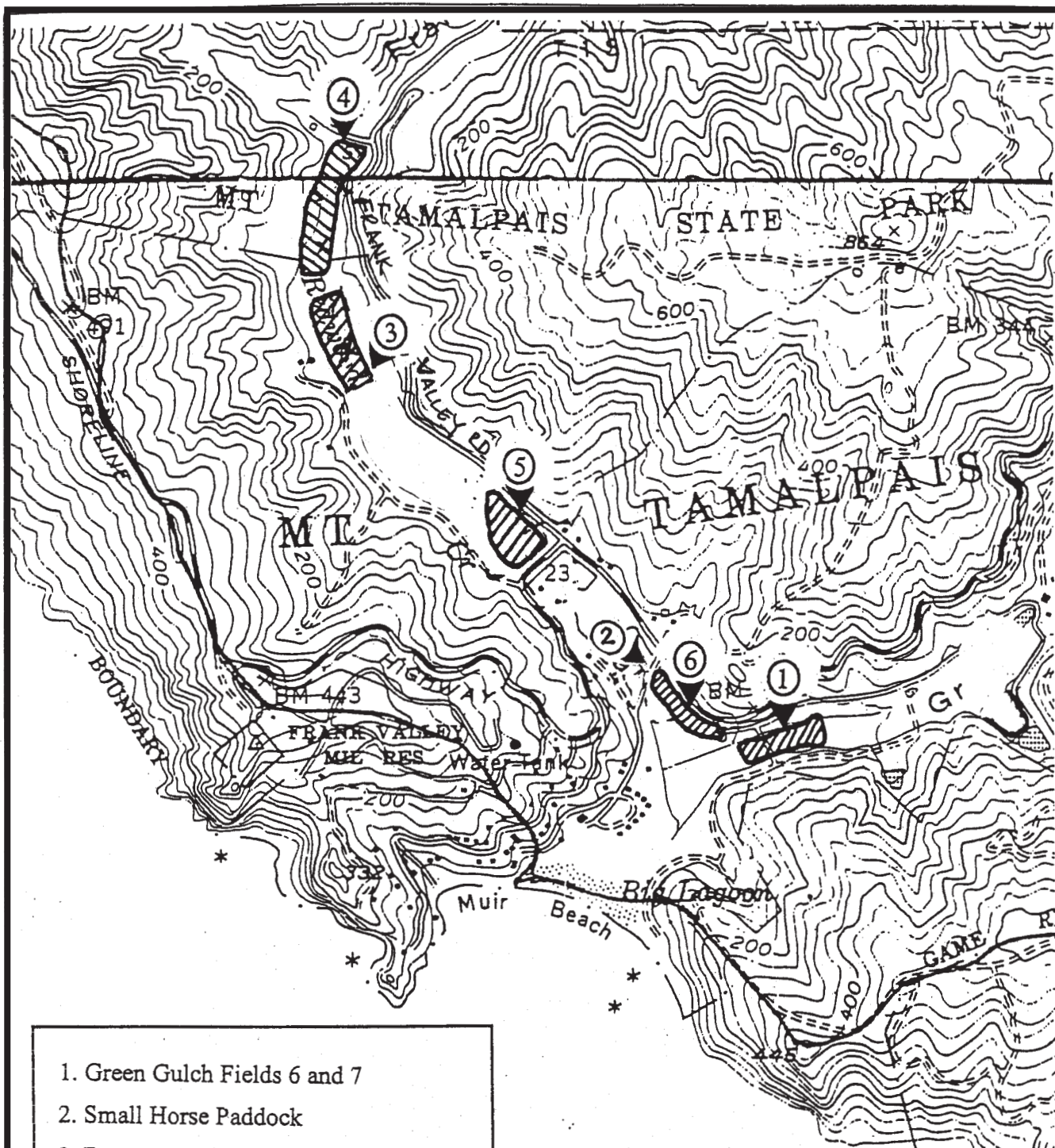
Sources:

figure 29

Big Lagoon Wetland and Creek Restoration: II. Feasibility Analysis Report  
**Comparison of Water Levels at Year 50 during Q<sub>50</sub>**

PWA Ref #1664.03C





1. Green Gulch Fields 6 and 7
2. Small Horse Paddock
3. Former Banducci Fields
4. Santos Meadows (State Park Land)
5. Former Ballfield
6. Onsite Uplands adjacent to Highway 1



Philip Williams & Associates, Ltd.  
Consultants in Hydrology

Locations of Potential Disposal Sites

Figure  
30